

**ARMY TM 9-1005-313-23&P
AIR FORCE TO 11W2-6-5-2
MARINE CORPS TM 08670A/09712-23&P/2C
NAVY SW360-AH-OMP-010**

**TECHNICAL MANUAL
UNIT AND DIRECT SUPPORT MAINTENANCE
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR M240 SERIES MACHINE GUNS**

**MACHINE GUN, 7.62 MM, M240, PN 11826290
(1005-01-025-8095) (EIC: 4BD)**

**MACHINE GUN, 7.62 MM, M240B, PN 12976814
(1005-01-412-3129) (EIC: 4BJ)**

**MACHINE GUN, 7.62 MM, M240C, PN 11826175
(1005-01-085-4758) (EIC: 4BF)**

**MACHINE GUN, 7.62 MM, M240D, PN 12977099
(1005-01-418-6995) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240E1, PN 12597033
(1005-01-252-4288) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240G, PN 12997566
(1005-01-359-2714) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240H, PN 13008366
(1005-01-518-2410) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240N, PN 12999178
(1005-01-493-1666) (EIC: N/A)**

DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their contractors. This publication is required for administration and operational purposes, as determined 9 Jan 89. Other requests for this document shall be referred to Director, Tank-automotive and Armaments Command, 1 Rock Island Arsenal, Rock Island, IL 61299-7630.

Marine Corps requests for this document must be referred to Commandant of the Marine Corps (ARE-B), Washington D.C. 20380-0001.

Air Force requests for this document shall be referred to WR-ALC/LKC, Robins AFB, GA 31098-1640.

DISTRUTION NOTICE: Destroy by any method that will prevent disclosure of contents or reconstruction of this document.

SUPERCEDURE NOTICE: This Technical Manual supersedes TM 9-1005-313-23&P/TM 08670A/09712A-23&P/2B, dated 17 June 1997, with Change 1, dated 1 December 1999, and change 2, dated 31 May 2001; and TM 9-1005-316-12&P, dated 7 March 1986; TM 9-1005-316-12&P, dated 7 March 1986.

**HEADQUARTERS, DEPARTMENTS OF THE ARMY,
AIR FORCE, MARINE CORPS AND NAVY**

NOVEMBER 2002

**DIGITIZED FOR
YOUR REVIEW AT
WWW.SMALLARMSOFTHEWORLD.COM**

SAW

WARNING SUMMARY

Be sure to clear your weapon before disassembling, cleaning, inspecting, transporting or storing.

Make certain weapon is cleared and that there is no obstruction in the barrel or chamber.

Before starting inspection, be sure to clear the weapon. Do not actuate the trigger until the weapon has been cleared. Inspect the chamber to be sure that it is empty, and check to see that there are no obstructions in the barrel.

All small arms systems must be inspected and/or gaged at least once annually for safety and serviceability. Guard and reserve weapons are to be gaged and inspected at least every two years after initial gaging unless usage, deployment or other maintenance indicates need for a more frequent inspection/gaging. It is recommended that training unit weapons be inspected/gaged after every training cycle. Regardless of weapon ownership, initial gaging/inspection will be one year after receipt of new or overhauled weapon. The appropriate interval starts at this time.

Replacement of barrel assembly or barrel adapter requires direct support level gaging.

When disassembling/reassembling cover assembly, hold hand over retaining clip when engaging or disengaging leg, or retaining clip will fly off pivot post.

Personal injury could occur if care is not exercised when installing cover detent plunger disassembly tool.

Point bolt face away from your face and away from other personnel, the spring can fly out and cause injury.

Keep bolt assembly pointed downward at all times during assembly of ejector and extractor parts.

Hold hand over retaining clip when engaging or disengaging leg, or retaining clip will fly off pivot post.

Bipod spring is under tension. Cover with free hand while removing/separating bipod legs.

Cleaning solvent is FLAMMABLE and TOXIC and must be kept away from open flames and used in a well-ventilated area. Use of rubber gloves is necessary to protect the skin when washing weapons parts.

Appropriate eye protection is recommended when cleaning your weapon or its parts.

For additional first aid data, see FM 21-11.

Refer to TM 9-1300-206 for information on weapons, ammunition, and related publications.

ARMY TM 9-1005-313-23&P
AIR FORCE TO 11W2-6-5-2
MARINE CORPS TM 08670A/09712-23&P/2C
NAVY SW360-AH-OMP-010
CHANGE 1

HEADQUARTERS,
DEPARTMENTS OF THE ARMY,
AIR FORCE, NAVY AND MARINE CORPS
WASHINGTON D.C., 15 APRIL 2005

**TECHNICAL MANUAL
UNIT AND DIRECT SUPPORT MAINTENANCE
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR**

M240 SERIES MACHINE GUNS

**MACHINE GUN, 7.62 MM, M240, PN 11826290
(1005-01-025-8095) (EIC: 4BD)**

**MACHINE GUN, 7.62 MM, M240B, PN 12976814
(1005-01-412-3129) (EIC: 4BJ)**

**MACHINE GUN, 7.62 MM, M240C, PN 11826175
(1005-01-085-4758) (EIC: 4BF)**

**MACHINE GUN, 7.62 MM, M240D, PN 12977099
(1005-01-418-6995) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240E1, PN 12597033
(1005-01252-4288) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240G, PN 12997566
(1005-01-359-2714) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240H, PN 13008366
(1005-01-518-2410) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240N, PN 12999178
(1005-01-493-1666) (EIC: N/A)**

DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their contractors. This publication is required for administration and operational purposes, as determined 9 Jan 89. Other requests for this document shall be referred to Commander, Tank-automotive and Armaments Command, 1 Rock Island Arsenal, Rock Island, IL 61299-7630.

TM 9-1005-313-23&P, 15 November 2002, is updated as follows:

1. File this sheet in front of the manual for reference.
2. This change is a result of new equipment configuration.
3. A vertical bar in the outer margin of the page indicates new or updated text/illustration.

Remove old pages and insert new pages as indicated:

Remove Pages

A-B
i-x/blank

Insert Pages

A-B
i-x/blank

Replace the following work packages with their revised version.

Work Package No.

WP 0001
WP 0002
WP 0003
WP 0007
WP 0008
WP 0009
WP 0010
WP 0011
WP 0013
WP 0015
WP 0017
WP 0018
WP 0019
WP 0020
WP 0023
WP 0024
WP 0027
WP 0029
WP 0031
WP 0033
WP 0034
WP 0035
WP 0036
WP 0037
WP 0038
WP 0039
WP 0041
WP 0042
WP 0043
WP 0044
WP 0045
WP 0046
WP 0048
WP 0053
WP 0054
WP 0055
WP 0056
WP 0057
WP 0058

Work Package No.

WP 0059
WP 0060
WP 0061 01
WP 0063
WP 0064
WP 0072
WP 0073
WP 0075
Cover

By Order of the Secretary of the Army:

Official:



SANDRA R. RILEY
*Administrative Assistant to the
Secretary of the Army*
0507505

PETER J. SCHOOMAKER
*General, United States Army
Chief of Staff*

LESTER L. LYLES
General, United States Air Force
Commander, Air Force Materiel
Command

JOHN P. JUMPER
General, United States Air Force
Chief of Staff

M.J. MULLIGAN
Lt. Col. U.S. Marine Corps
Director Infantry Weapons
Marine Corps Systems Command

DISTRIBUTION: To be furnished in accordance with the initial distribution requirements for (IDN) 401105 requirements for TM 9-1005-313-23&P.

LIST OF EFFECTIVE PAGES/WORK PACKAGES

NOTE: A vertical line in the outer margins of the page indicates the portion of text affected by a change.

Dates of issue for original and changed pages/work packages are:

Original 0 15 November 2002
Change 1 1 15 April 2005

<u>Page/WP No.</u>	<u>*Change No.</u>	<u>Page/WP No.</u>	<u>*Change No.</u>	<u>Page/WP No.</u>	<u>*Change No.</u>
a-b	0	WP0032 00	0	WP0066 00	0
A-B	1	WP0033 00	1	WP0067 00	0
i-vi	1	WP0034 00	0	WP0068 00	0
WP0001 00	1	WP0035 00	1	WP0069 00	0
WP0002 00	1	WP0036 00	1	WP0070 00	0
WP0003 00	1	WP0037 00	1	WP0071 00	0
WP0004 00	0	WP0038 00	0	WP0072 00	1
WP0005 00	0	WP0039 00	1	WP0073 00	1
WP0006 00	0	WP0040 00	0	WP0074 00	0
WP0007 00	1	WP0041 00	1	WP0075 00	1
WP0008 00	1	WP0042 00	1	Cover	1
WP0009 00	1	WP0043 00	1		
WP0010 00	1	WP0044 00	1		
WP0011 00	1	WP0045 00	1		
WP0012 00	0	WP0046 00	1		
WP0013 00	1	WP0047 00	1		
WP0014 00	0	WP0048 00	1		
WP0015 00	1	WP0049 00	0		
WP0016 00	0	WP0050 00	0		
WP0017 00	1	WP0051 00	0		
WP0018 00	1	WP0052 00	0		
WP0018 01	1	WP0053 00	1		
WP0018 02	1	WP0054 00	1		
WP0019 00	1	WP0055 00	1		
WP0020 00	1	WP0056 00	1		
WP0021 00	0	WP0057 00	1		
WP0022 00	0	WP0058 00	1		
WP0023 00	1	WP0059 00	1		
WP0024 00	1	WP0060 00	1		
WP0025 00	1	WP0061 00	1		
WP0026 00	0	WP 0061 01	1		
WP0027 00	1	WP0062 00	0		
WP0028 00	0	WP0063 00	1		
WP0029 00	1	WP0063 01	1		
WP0030 00	0	WP0064 00	1		
WP0031 00	1	WP0065 00	0		

*Zero in this column indicates an original page or work package.

HEADQUARTERS,
DEPARTMENTS OF THE ARMY,
AIR FORCE, NAVY AND MARINE CORPS
WASHINGTON D.C., 15 November 2002

**TECHNICAL MANUAL
UNIT AND DIRECT SUPPORT MAINTENANCE
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR**

M240 SERIES MACHINE GUNS

**MACHINE GUN, 7.62 MM, M240, PN 11826290
(1005-01-025-8095) (EIC: 4BD)**

**MACHINE GUN, 7.62 MM, M240B, PN 12976814
(1005-01-412-3129) (EIC: 4BJ)**

**MACHINE GUN, 7.62 MM, M240C, PN 11826175
(1005-01-085-4758) (EIC: 4BF)**

**MACHINE GUN, 7.62 MM, M240D, PN 12977099
(1005-01-418-6995) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240E1, PN 12597033
(1005-01252-4288) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240G, PN 12997566
(1005-01-359-2714) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240H, PN 13008366
(1005-01-518-2410) (EIC: N/A)**

**MACHINE GUN, 7.62 MM, M240N, PN 12999178
(1005-01-493-1666) (EIC: N/A)**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this publication. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Submit your DA Form 2028 (Recommended Changes to Equipment Technical Publications), through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <http://aeeps.ria.army.mil>. If you need a password, scroll down and click on "ACCESS REQUEST FORM". The DA Form 2028 is located in the ONLINE FORMS PROCESSING section of the AEPS. Fill out the form and click on SUBMIT. Using this form on the AEPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax, or e-mail your letter or DA Form 2028 direct to: AMSTA-LC-CI/ TECH PUBS, TACOM-RI, 1 Rock Island ARSENAL, IL 61299-7630. The e-mail address is TACOM-TECH-PUBS@ria.army.mil. The fax number is DSN 793-0726 or commercial (309) 782-0726. Air Force users forward AFTO Forms 22, Technical Order Improvement Report and Reply, through your Headquarters for routing to WR-ALC/LKC, Robins AFB, GA 31098-1640. Marine Corps users submit NAVMC Form 10772 via Marine Corps Publications website at: <http://pubs.ala.usmc.mil>. Navy users submit Recommended Changes to Publications to: Naval Surface Warfare Center, Crane Division, Code 4081, Crane, IN 47522-5001.

DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their contractors. This publication is required for administration and operational purposes, as determined 9 Jan 89. Other requests for this document shall be referred to Commander, Tank-automotive and Armaments Command, 1 Rock Island Arsenal, Rock Island, IL 61299-7630.

Marine Corps requests for this document must be referred to Commandant of the Marine Corps (ARE-B), Washington D.C. 20380-0001.

Air Force requests for this document shall be referred to WR-ALC/LKC, Robins AFB, GA 31098-1640.

DISTRUTION NOTICE: Destroy by any method that will prevent disclosure of contents or reconstruction of this document.

TABLE OF CONTENTS

WARNING SUMMARYa

HOW TO USE THIS MANUALvi

CHAPTER 1 DESCRIPTION AND THEORY OF OPERATION

General Information.....	WP 0001 00-1
Maintenance Forms, Records and Reports	WP 0001 00-3
Reporting Equipment Improvement Recommendations	WP 0001 00-3
Corrosion Prevention and Control	WP 0001 00-3
Destruction of Materiel to Prevent Enemy use	WP 0001 00-3
Preparation for Storage and Shipment.....	WP 0001 00-3
Official Nomenclature, Names, and Designations	WP 0001 00-4
Equipment Description and Data.....	WP 0002 00-1
Equipment Characteristics, Capabilities, and Features	WP 0002 00-1
Location and Description of Major Components	WP 0002 00-1
Differences Between Models.....	WP 0002 00-5
Equipment Data.....	WP 0002 00-6
Theory of Operation.....	WP 0003 00-1

CHAPTER 2 UNIT MAINTENANCE PROCEDURES

Unit Maintenance Troubleshooting Procedures	WP 0004 00-1
Troubleshooting Procedures:	
Failure to Chamber	WP 0004 00-2
Failure to Fire	WP 0004 00-3
Sluggish Operation	WP 0004 00-3
Failure to Feed	WP 0004 00-4
Failure to Eject.....	WP 0004 00-5
Failure to Extract	WP 0004 00-6
Failure to Cock or Runaway Gun	WP 0004 00-6
Unit Maintenance Instructions	WP 0005 00-1
Service Upon Receipt of Materiel.....	WP 0006 00-1

CHAPTER 3 UNIT MAINTENANCE INSTRUCTIONS

Preventive Maintenance Checks and Services	WP 0007 00
Unit Maintenance of:	
Machine Gun, M240 Series	WP 0008 00
Barrel Assembly	WP 0009 00
Front Sight Assembly	WP 0010 00
Buffer and Spade Grip Assembly (M240D/M240E1/M240H)	WP 0011 00
Buttstock and Buffer Assembly (M240B/M240G/M240N)	WP 0012 00
Bolt and Operating Rod Assembly	WP 0013 00
Bolt Assembly	WP 0014 00
Trigger Housing Assembly (M240/M240C/M240D/M240E1/M240H)	WP 0015 00
Trigger Housing Assembly (M240B/M240G/M240N)	WP 0016 00
Trigger Actuating Assembly (M240D/M240E1/M240H)	WP 0017 00
Receiver Assembly.....	WP 0018 00
Bipod Assembly (M240B/M240G)	WP 0018 01
Bipod Assembly (M240H).....	WP 0018 02
Rear Sight Assembly (M240B/M240D M240E1/M240G/ M240H/M240N)	WP 0019 00
Slide Assembly (M240B/M240D M240E1/M240G/M240H)	WP 0020 00

TABLE OF CONTENTS (cont)

CHAPTER 4 DIRECT SUPPORT TROUBLESHOOTING PROCEDURES

Direct Support Maintenance Instructions	WP 0021 00-1
Direct Support Maintenance Troubleshooting Procedures:	
Failure to Cock or Runaway Gun	WP 0022 00-1
Safety does not function	WP 0022 00-1
Gun Ruptures Cartridges Cases	WP 0022 00-2

CHAPTER 5 DIRECT SUPPORT MAINTENANCE INSTRUCTIONS

Direct Support Maintenance of:	
Machine Gun, M240 Series	WP 0023 00
Barrel Assembly	WP 0024 00
Carrying Handle Assembly (M240B/M240D/M240G/M240H/M240N)	WP 0025 00
Buffer Assembly (M240/M240C)	WP 0026 00
Buffer and Spade Grip Assembly (M240D/M240E1/M240H)	WP 0027 00
Buttstock and Hydraulic Buffer Assembly (M240B/M240N) and Buttstock and Buffer Assembly (M240G)	WP 0028 00
Bolt and Operating Rod Assembly	WP 0029 00
Bolt Assembly	WP 0030 00
Trigger Housing Assembly (M240/M240C/M240D/M240E1/M240H)	WP 0031 00
Trigger Housing Assembly (M240B/M240G/M240N)	WP 0032 00
Cover Assembly	WP 0033 00
Feed Pawl Assembly	WP 0034 00
Receiver Assembly	WP 0035 00
Bipod Assembly (M240B/M240G)	WP 0036 00
Bipod Assembly (M240H)	WP 0036 01
Receiver Body Assembly	WP 0037 00
Final Inspection of M240 Series Machine Gun	WP 0038 00
Preembarkation Inspection of Materiel for Units	
Alerted for Overseas Movement	WP 0039 00
Illustrated List of Manufactured Items	WP 0040 00

CHAPTER 6 SUPPORTING INFORMATION

References	WP 0041 00
Maintenance Allocation Chart	WP 0042 00
Repair Parts and Special Tools List, Unit and Direct Support (General) ..	WP 0043 00
Repair Parts and Special Tools List, Unit and Direct Support for:	
Machine Gun, M240 Series	WP 0044 00
Barrel Assembly	WP 0045 00
Front Sight Assembly	WP 0046 00
Handle Assembly, Carrying	WP 0047 00
Buffer Assembly (M240/M240C); Buffer and Spade Grip Assembly (M240D/M240E1/M240H)	WP 0048 00
Buttstock and Hydraulic Buffer Assembly (M240B/M240N) and Buttstock and Buffer Assembly (M240G)	WP 0049 00
Bolt and Operating Rod Assembly	WP 0050 00
Bolt Assembly	WP 0051 00
Breech Body Assembly	WP 0052 00
Trigger Housing Assembly (M240/M240C/M240D/M240E1/M240H) and Trigger Housing, Infantry (M240B/M240G/M240N)	WP 0053 00
Actuating Assembly (M240D/M240E1/M240H)	WP 0054 00
Cover Assembly	WP 0055 00
Feed Pawl Assembly	WP 0056 00

TM 9-1005-313-23&P

Repair Parts and Special Tools List, Unit and Direct Support for (cont):

Receiver Assembly	WP 0057 00
Receiver Body Assembly	WP 0058 00
Rear Sight Assembly (M240B/M240D/M240E1/ M240G/M240H/M240N)	WP 0059 00
Slide Assembly (M240B/M240D/M240E1/M240G/M240H/M240N) ..	WP 0060 00
Bipod Assembly	WP 0061 00
Bipod Assembly	WP 0061 01
Bulk Items	WP 0062 00
Special Tools.....	WP 0063 00
Basic issue Items	WP 0063 01
M24 Chamber Device, Associated Equipment	WP 0064 00
M21 Blank Firing Attachment, Associated Equipment.....	WP 0065 00
Chamber and Discriminator Assembly, Associated Equipment	WP 0066 00
Discriminator Assembly, Associated Equipment	WP 0067 00
Adapter, Associated Equipment.....	WP 0068 00
Extension Assembly, Associated Equipment.....	WP 0069 00
Coupler Assembly, Associated Equipment.....	WP 0070 00
Adapter Assembly, Ammo., Associated Equipment	WP 0071 00
Cross References Index – Part Number	WP 0072 00
Cross References Index – National Stock Number.....	WP 0073 00
Expendable and Durable Items List	WP 0074 00

HOW TO USE THIS MANUAL

GENERAL. In order to use this manual efficiently, there are several things you need to know.

- All references in the manual are to work packages or to another manual.
- Whenever the male gender is mentioned (i.e., crewman, repairman) in the manual, it also pertains to females.
- Procedures apply to all models unless otherwise noted.

INDEXES. This manual is organized to help you quickly find the information you need. There are several useful indexes.

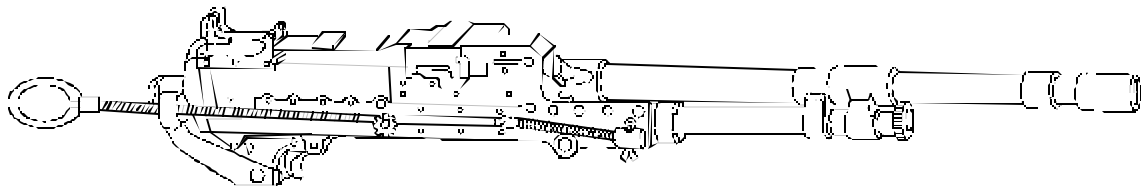
- Table of Contents. Lists in order all chapters, work packages, and appendixes.
- Nomenclature Cross Reference List. Gives an alphabetical list of the common names that are substituted for the official nomenclature in the manual.
- Chapter Overviews. Summarize material covered in the chapter.
- Troubleshooting Symptom Index. Lists in alphabetical order parts of the weapon with possible malfunctions. References work package pages of the troubleshooting table.
- Alphabetical Index. Located at the end of the manual. An extensive subject index for everything in the manual. It gives work package references.

MAINTENANCE PROCEDURES. There are two maintenance chapters, one for unit and one for direct support. Each has an initial setup containing a list of the following things you will need in order to do your maintenance task.

- Tool and Special Tools. List tool kit and tools not found in your tool kit.
- Material/Parts. Lists expendable/durable materials and 100% replaceable parts. A part number or work package reference follows each material or part. If more than one part is needed, the quantity needed will follow the part number or reference.
- References. List other publications containing necessary information.
- Equipment Condition. Lists conditions to be met before starting a procedure. The reference following the condition is the work package reference to instructions for setting up the condition.
- Maintenance Procedures. Step-by-step illustrated procedures for maintenance authorized by the Maintenance Allocation Chart (MAC), WP 0042 00.

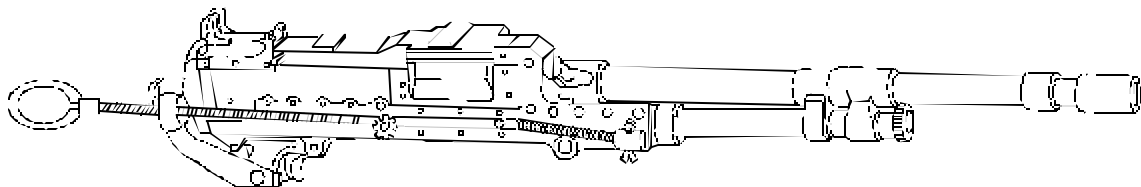
CHAPTER 1
DESCRIPTION AND
THEORY OF OPERATION

GENERAL INFORMATION



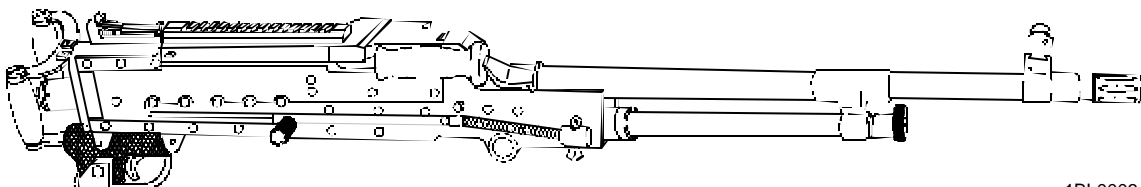
1BL0001

M240 MACHINE GUN



1BL0002

M240C MACHINE GUN

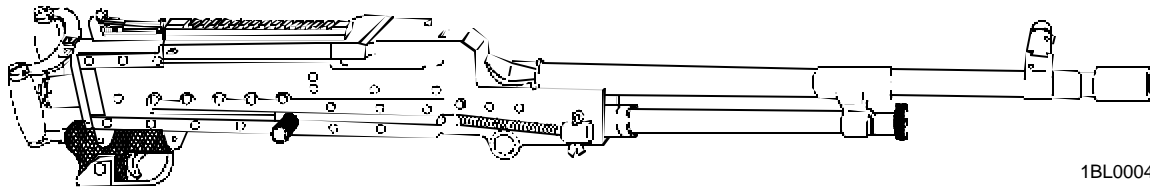


1BL0003

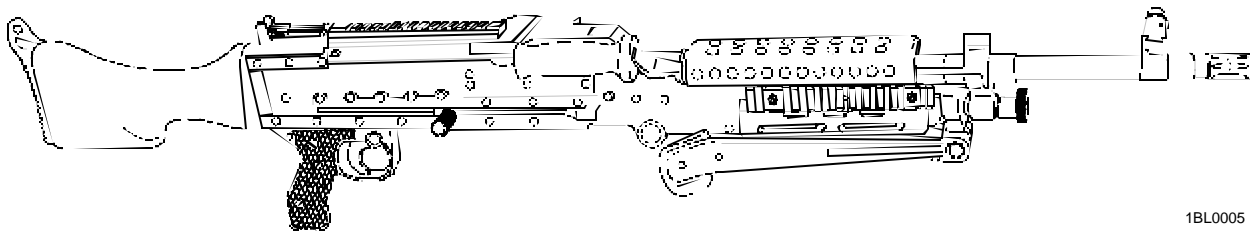
M240D MACHINE GUN

EXTERNAL VIEW OF M240, M240C, AND M240D, 7.62 MM, MACHINE GUN

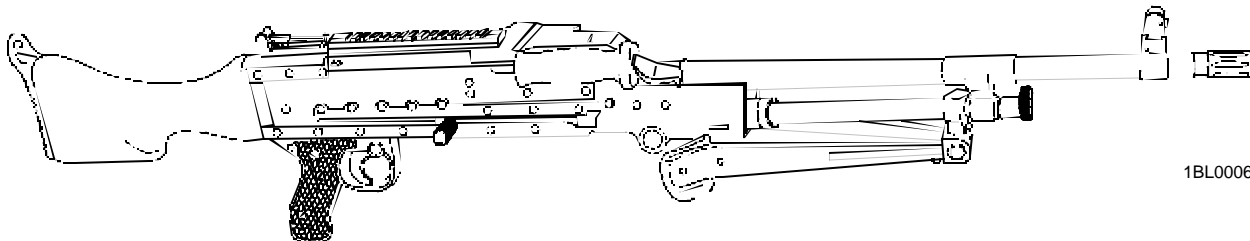
GENERAL INFORMATION (cont)



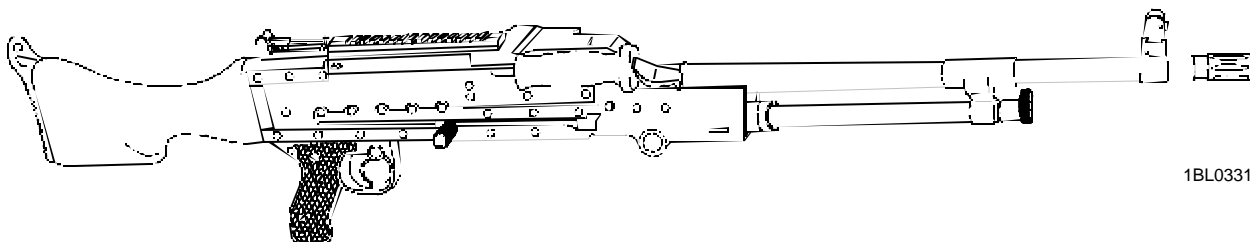
1BL0004

M240E1 MACHINE GUN

1BL0005

M240B MACHINE GUN

1BL0006

M240G MACHINE GUN

1BL0331

M240N MACHINE GUN**EXTERNAL VIEW OF M240E1, M240B, M240G, AND M240N, 7.62 MM, MACHINE GUN**

CHAPTER OVERVIEW. This chapter contains general information, equipment description and data, and principles of operation for the machine gun.

SCOPE.

Type of Manual: Unit and Direct Support Maintenance Manual.

Model Numbers and Equipment Name: M240, M240B, M240C, M240D, M240E1, M240G, and M240N, 7.62 MM, Machine Gun.

Purpose of Equipment: M240/M240C model is designed as a coaxial machine gun for tanks and 7.62MM fire power on light armored vehicles. The M240D model is designed as a pintle mounted window/door gun for use in rotary aircraft. M240B/M240G model is designed as a tripod mounted or bipod supported machine gun for use by ground forces. The bipod is integrated into the receiver assembly of the weapon. M240E1 model is designed with front and rear sights and spade grip trigger device, and is pintle mounted on light armored vehicles. The M240N model is designed with front and rear sights; and is configured for mounting on water craft.

MAINTENANCE FORMS, RECORDS, AND REPORTS. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, Functional users Manual for the Army Maintenance Management System (TAMMS). Marine Corps users refer to TM 4700-15/1, Ground Equipment Record Procedures.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR). If your M240 Series machine gun needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. Put in an SF 368 (Product Quality Deficiency Report). Mail it to Commander, Armament Research, Development and Engineering Center, ATTN: AMSTA-AR-QAW-A (R), 1 Rock Island Arsenal, Rock Island, IL 61299-7300. Marine Corps users submit QDR'S on SF 368 in accordance with MCO 4855.10 to Commanding General, Marine Corps Logistics Base (Code 808), Albany, GA 31704-5000. Air Force users submit QDR'S on SF 368 to WR-ALC/LKC, Robins AFB, GA 31098-1640. Navy users submit Quality Deficiency Report to Commander, Naval Surface Warfare Center, Crane Division, Code 4081, Crane, IN 47522-5001. We'll send you a reply

CORROSION PREVENTION AND CONTROL (CPC). Corrosion prevention and control of material is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items. While corrosion is typically associated with rusting of metals, it can also include deterioration of other materials such as rubber and plastic. Unusual cracking, softening, swelling, or breaking of these materials may be a corrosion problem. If a corrosion problem is identified, it can be reported using SF 368 Product Quality Deficiency Report. Use of key words such as "corrosion", "rust", "deterioration", or "cracking" will assure that the information is identified as a CPC problem. The form should be submitted to Commander, Armament Research, Development and Engineering Center, ATTN: AMSTA-AR-QAW-A/Customer Feedback Center, 1 Rock Island Arsenal, Rock Island, IL 61299-7300. Marine Corps users reference TM 3080-12.

Marine Corps users: The prevention of corrosion on any equipment is important and is critically important for safe functioning of your machine gun. Corrosion prevention is carried out in accordance with TM 3080-12 (Corrosion Prevention and Control for Marine Corps Equipment). If a recurrent corrosion problem is identified, it should be reported on SF 368 (Product Quality Deficiency Report) in accordance with guidance contained in MCO 4855.10 (Product Quality Deficiency Report).

Navy users submit either Product Quality Deficiency Report or Materiel Deficiency Report (MDR) to Commander, Naval Surface Warfare Center, Crane Division, Code 4081, Crane, IN 47522-5001.

GENERAL INFORMATION (cont)

DESTRUCTION OF MATERIEL TO PREVENT ENEMY USE. Procedure and materials used for the destruction of the machine gun to prevent enemy use will be found in TM 750-244-7.

PREPARATION FOR STORAGE AND SHIPMENT. Not applicable.

OFFICIAL NOMENCLATURE, NAMES, AND DESIGNATIONS. This nomenclature cross-reference list includes nomenclature cross-references used in this manual.

<u>Common Name</u>	<u>Official Name</u>
Back Plate	Buffer and Plug Assembly
Buffer and Spade Grip Assembly	Buffer Grip Assembly
Charger Slide Pin	Headed Straight Pin
Cover Hinge Spring Pin	Spring Pin
Extension Spring	Helical Spring
Front Sight Adjusting Screw	Front Sight Self-Locking Screw
Helical Compression Ejector Spring	Helical Spring
Left Grip	Machine Gun Grip
Receiver	Body
Right Grip	Machine Gun Grip
Sear Spring	Helical Spring
Spring Loaded Pin	Spring Pin
Stop Screw	Leaf Socket HE Sight Cap Screw
Trigger Pin	Straight Pin
Trigger Spring Pin	Spring Pin

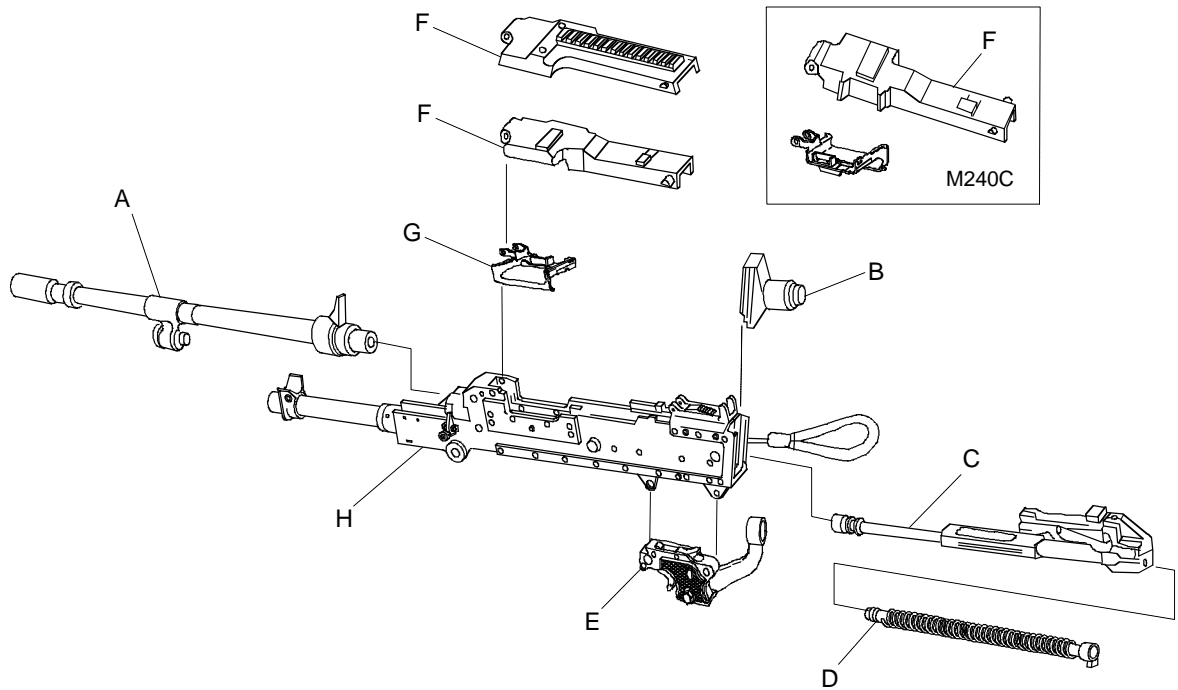
END OF WORK PACKAGE

EQUIPMENT DESCRIPTION AND DATA

EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES. Refer to TM 9-1005-313-10/TO 11W2-6-5-2/SW360-AH-OMP-010/TM 08670A-10/1B.

LOCATION AND DISCRIPTION OF MAJOR COMPONENTS.

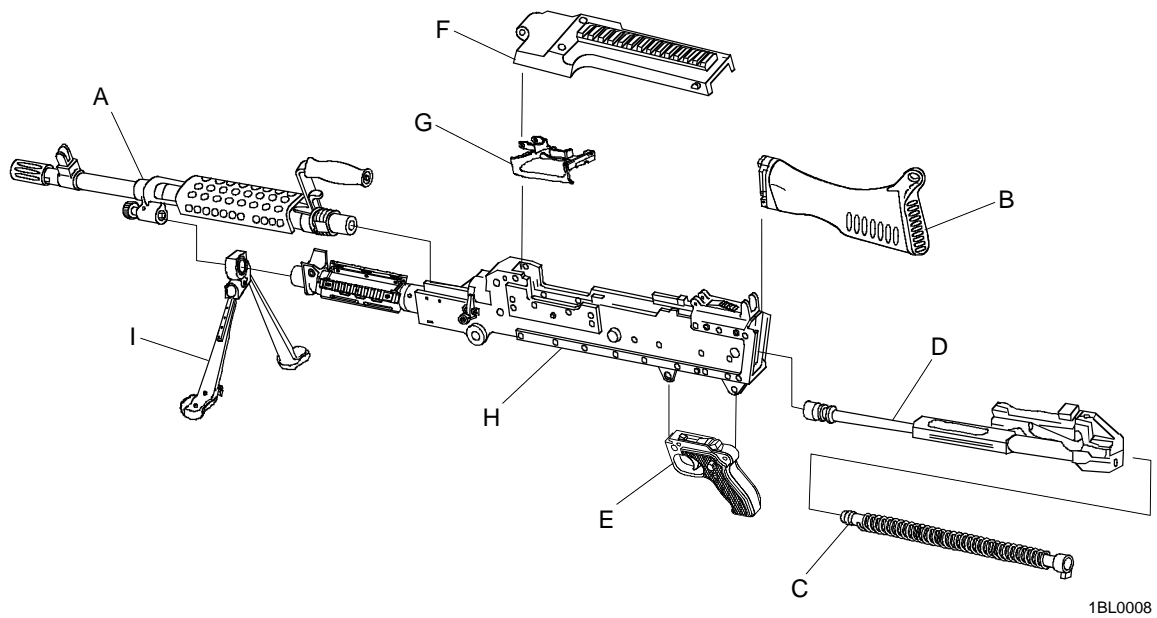
- A BARREL ASSEMBLY – Houses cartridge for firing and directs projectile.
- B BUFFER ASSEMBLY – Absorbs recoil for bolt and operating rod assembly at the end of recoil movement.
- C DRIVING SPRING ROD ASSEMBLY – Provides energy for returning bolt and operating rod assembly to firing position.
- D BOLT AND OPERATING ROD ASSEMBLY – Provides feeding, stripping, chambering, firing, extraction, and ejection of cartridges using the projectile propelling gas for power.
- E TRIGGER HOUSING ASSEMBLY – Controls the firing of the machine gun.
- F COVER ASSEMBLY – Feeds linked belt and holds cartridges in position for stripping, feeding, and chambering. The cover assemblies for M240, M240B, M240D, M240E1, M240G, M240H and M240N have an optical rail sight.
- G FEED TRAY – Serves as a guide for positioning cartridges to assist in chambering.
- H RECEIVER ASSEMBLY – Serves as a support for all major components. Houses action of weapon, and through a series of cam ways controls functioning of the weapon.
- I BIPOD ASSEMBLY (M240B/M240G/M240H) – Serves as a support for the machine gun when used in ground applications.



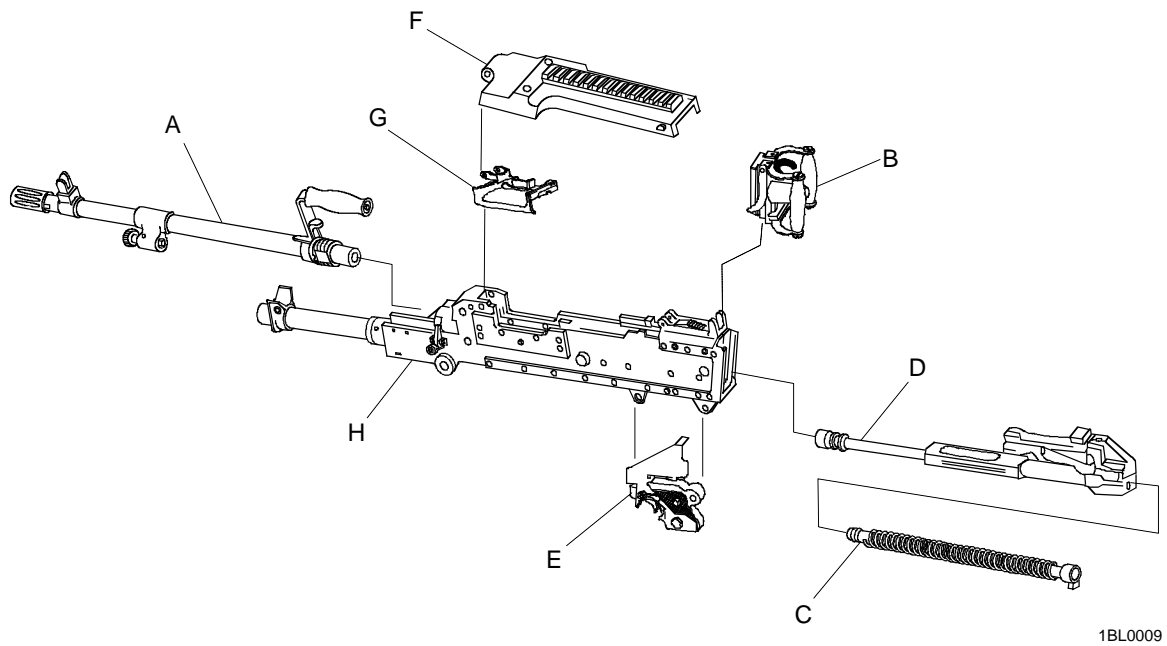
1BL0007

M240/M240C Machine Gun

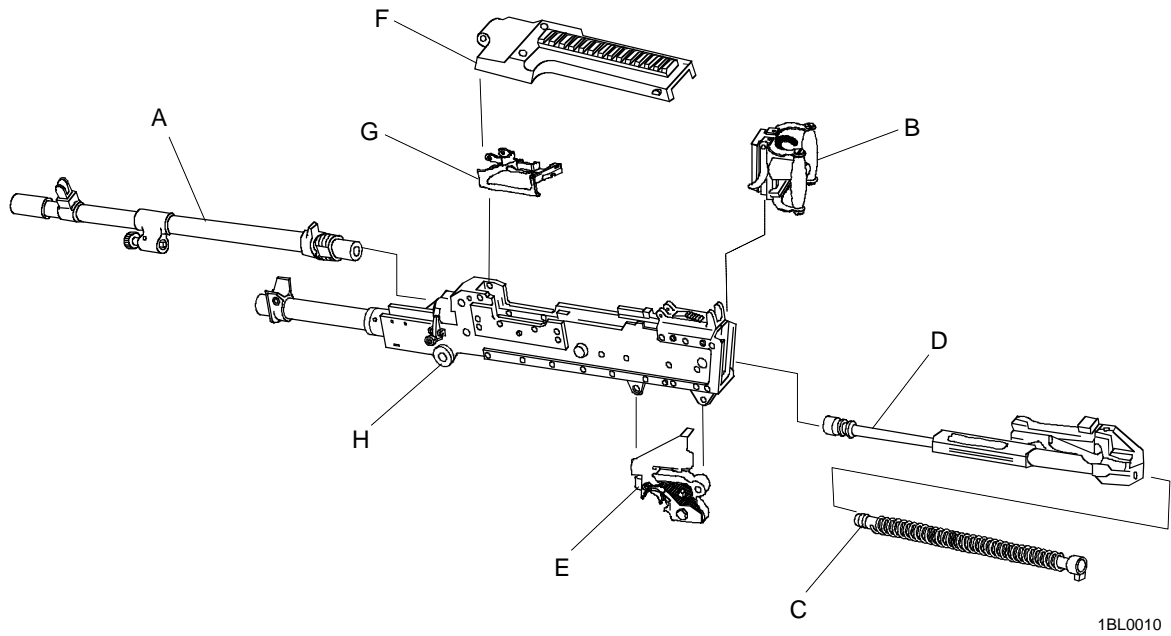
EQUIPMENT DESCRIPTION AND DATA (cont)



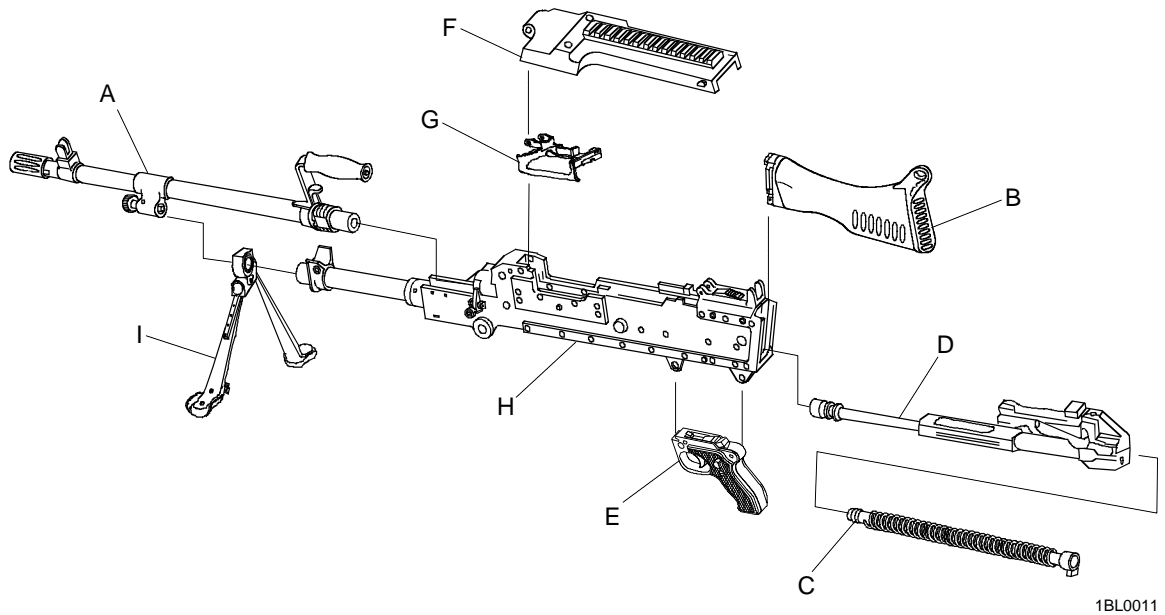
M240B Machine Gun



M240D Machine Gun

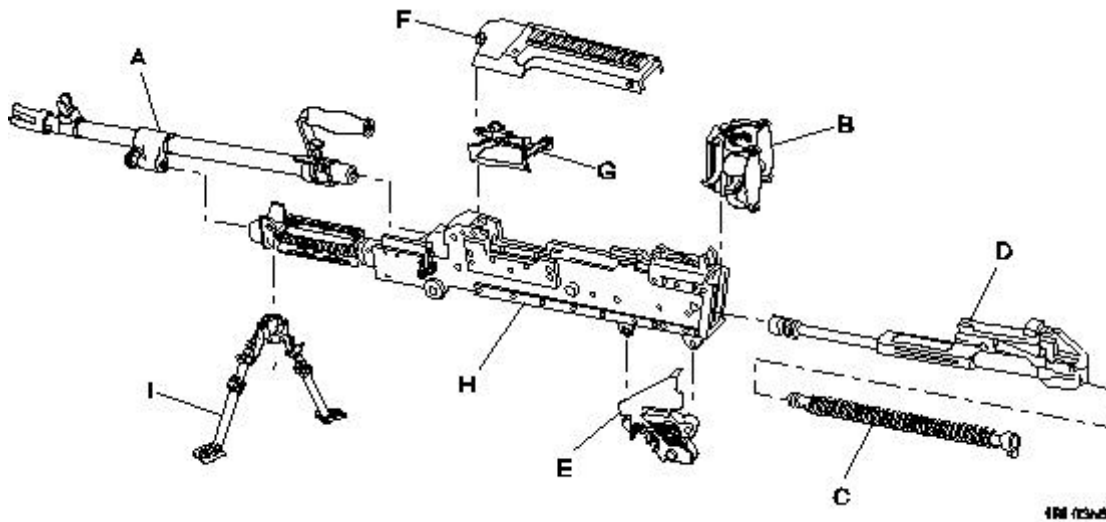


M240E1 Machine Gun

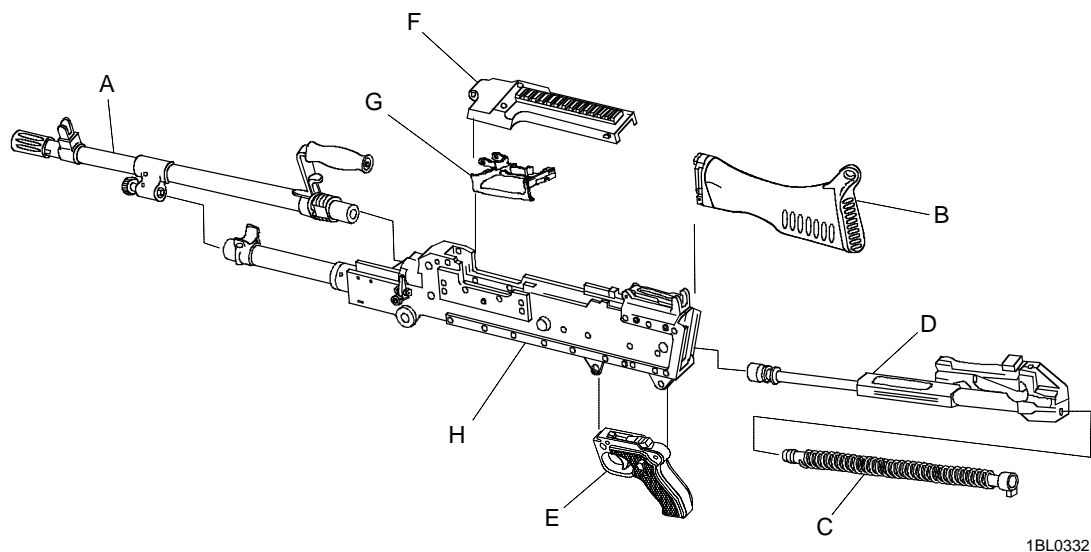


M240G Machine Gun

EQUIPMENT DESCRIPTION AND DATA (cont)



M240H Machine Gun



M240N Machine Gun

DIFFERENCES BETWEEN MODELS

	M240	M240B	M240C	M240D	M240E1	M240G	M240H	M240N
Feeds from the right			X					
Feeds from the left	X	X		X	X	X	X	X
Bolt and Operating Rod Assembly (11826070)	X		X		X			
Bolt and Operating Rod Assembly (12976866)		X		X		X	X	X
Cover Assembly (11826165)	X							
Cover Assembly (11826038)			X					
Cover Assembly (12977101)	X	X		X	X	X	X	X
Receiver Assembly (11826192)	X		X					
Receiver Assembly (12597044)					X			
Receiver Assembly (12976834)		X						
Receiver Assembly (12977104)				X				
Receiver Assembly (12997566)						X		
Receiver Assembly (12999179)								X
Receiver Assembly (13008744)							X	
Barrel Assembly (11825985)	X		X					
Barrel Assembly (12597035)					X			
Barrel Assembly (12976817)		X						
Barrel Assembly (12976818)				X		X		X
Barrel Assembly (13008220)							X	
Trigger Assembly (11826230)	X		X					
Trigger Assembly (12976869)		X				X		X
Trigger Housing Assembly (12977108)				X	X		X	
Buffer Assembly (11826211)	X		X					
Buffer and Spade Grip Assembly (12597057)				X	X		X	
Buttstock and Buffer Assembly (12976851)						X		
Buttstock and Buffer Assembly (12988986)		X						X

EQUIPMENT DESCRIPTION AND DATA (cont)**DIFFERENCES BETWEEN MODELS (cont)**

	M240	M240B	M240C	M240D	M240E1	M240G	M240H	M240N
Charger Cable (11826145)	X		X					
Cocking Handle Assembly (12597045)					X			
Cocking Handle Assembly (12976835)		X				X		X
Cocking Handle Assembly (12977105)				X				
Cocking Handle Assembly (12999956)							X	

Procedures are written for the M240 machine gun but apply to all models except where noted. Do not mix and match parts listed for one model configuration on a different model.

EQUIPMENT DATA

Weight: 10.34 Kg (22.8 lbs) (M240/M240C)
 12.29 Kg (27.1 lbs) (M240B)
 10.39 Kg (22.9 lbs) (M240D)
 11.66 Kg (25.7 lbs) (M240E1)
 11.70 Kg (25.8 lbs) (M240G)
 11.70 Kg (25.8 lbs) (M240H)
 10.93 Kg (24.1 lbs) (M240N)

Rapid: 200 RDS/M (2-3 sec between bursts) – Change barrel every 2 minutes.

Rate of Fire: You get sustained and rapid rates through practice.

Cyclic: 650 to 950 RDS/M – Not intended to fire at 950 RDS/M. This will cause accelerated wear/damage to the barrel and rest of weapon.
 600-650 RDS/M – M240B/M240N with Hydraulic Buffer.

Sustained: 100 RDS/M (4-5 sec between bursts) – Change barrel every 10 minutes.

Range: Maximum range:..... 3,725 meters
 Maximum effective (point):..... 800 meters M122A1 Tripod or M192 Tripod (M240B)
 (M122 Tripod with M240E1 Flex Mount (M240G) (Marine Corps) only))
 Maximum effective (area):..... 1,800 meters with M122A1 Tripod or M192 Tripod (M240B)
 M122 Tripod with M240E1 Flex Mount (M240G) (Marine Corps only))

Tracer burnout: Approximately 900 meters

END OF WORK PACKAGE

THEORY OF OPERATION

All Models:

- Gas-operated – Recoils with gas-assist boost. Three gas settings to maintain a consistent rate of fire.
- Positive Locking of Bolt Body – Firing pin is part of bolt and operating rod assembly, and cannot strike primer until bolt is fully locked.
- Fires from Open Bolt Position – Prevents explosion of cartridge (cook-off) after prolonged firing.

Mounted on a Coaxial Mount (M240/M240C):

- Fires parallel to turret main gun.
- Requires no sights on machine gun.
- Can be fired manually or electrically.
- Fired manually from turret ring mount (M240 with optical top cover).

Ground Mounted (M240B):

- Mounted on Tripod (M122A1/M192).
- Ground supported with integral bipod assembly.
- Has front and rear sights on machine gun.
- Optical accessory top cover and forward rail system.

Ground Mounted (M240G):

- Mounted on Tripod (M122) with flexible mount assembly.
- Ground supported with integral bipod assembly.
- Front and rear sights on machine gun.

Mounted on Exterior Pintle Location (M240D/M240E1/M240H) (Aviation):

- Mounted in Pintle socket.
- Front and rear sights on machine gun.
- Optical accessory top cover.
- Forward rail system (M240H).

Mounted on Special Purpose Mounts (M240N):

- Authorized use of right hand feed cover assembly, and tray as AAL to primary configuration.
- Front and rear sights on machine gun.
- Primary U.S. Navy small boat gun.
- Optical accessory top cover.

END OF WORK PACKAGE

CHAPTER 2

UNIT TROUBLESHOOTING PROCEDURES

UNIT TROUBLESHOOTING PROCEDURES

UNIT MAINTENANCE TROUBLESHOOTING

This work package contains unit-troubleshooting information for locating and correcting most of the operating troubles that may develop in the machine gun. Each malfunction for a part, assembly, or subassembly is followed by a list of tests or inspections, which will help you to determine corrective actions to take. You should perform the tests/inspections and corrective actions in the order listed.

This manual cannot list all possible malfunctions that may occur, nor all tests or inspections and corrective actions. If a malfunction is not listed (except when malfunction or cause is obvious) or is not corrected by listed corrective actions, notify direct support maintenance.

TROUBLESHOOTING PROCEDURES.

Refer to symptom index or troubleshooting table for malfunctions, tests/inspections, and corrective action.

SYMPTOM INDEX

Troubleshooting Procedure	Work Package/Page
Failure to chamber	WP 0004 00-2
Failure to cock or runaway gun	WP 0004 00-6
Failure to eject	WP 0004 00-5
Failure to extract	WP 0004 00-6
Failure to feed	WP 0004 00-4
Failure to fire	WP 0004 00-3
Sluggish operation	WP 0004 00-3

UNIT TROUBLESHOOTING PROCEDURES (cont)

Table 1. TROUBLESHOOTING PROCEDURES

SYMPTOM

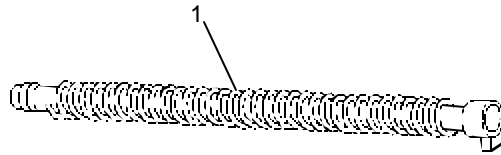
Failure to chamber.

MALFUNCTION

Driving spring rod assembly (1) damaged.

CORRECTIVE ACTION

Replace driving spring rod assembly (1).



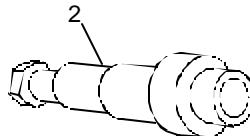
1BL0012

MALFUNCTION

Gas plug (2) damaged.

CORRECTIVE ACTION

Replace gas plug (2).



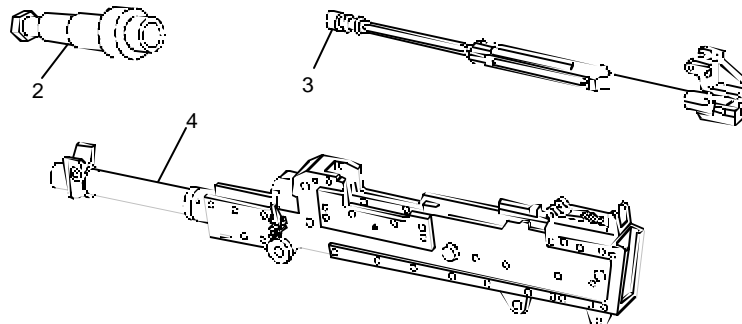
1BL0013

MALFUNCTION

Caked on carbon in gas plug (2), gas cylinder piston (3), or receiver (4).

CORRECTIVE ACTION

Remove carbon and clean (TM 9-1005-313-10).



1BL0014

SYMPTOM

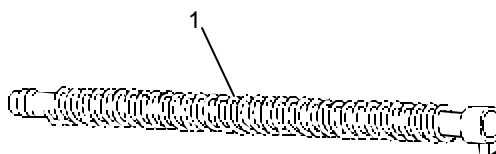
Failure to Fire.

MALFUNCTION

Driving spring rod assembly (1) damaged.

CORRECTIVE ACTION

Replace driving spring rod assembly (1).



1BL0012

MALFUNCTION

Bent, broken or damaged firing pin (2).

CORRECTIVE ACTION

Replace firing pin (2).



1BL0015

SYMPTOM

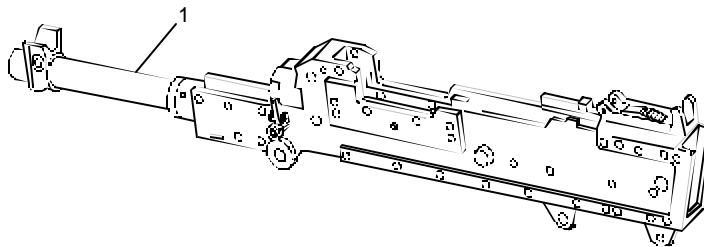
Sluggish operation.

MALFUNCTION

Receiver (1) dirty and/or lack of lubricant.

CORRECTIVE ACTION

Clean and lubricate (TM 9-1005-313-10).



1BL0016

UNIT TROUBLESHOOTING PROCEDURES (cont)

SYMPTOM (cont)

Sluggish operation (cont).

MALFUNCTION

Loose rivets causing drag on bolt/operating rod assembly.

CORRECTIVE ACTION

Send to direct support maintenance for code out and turn in.

SYMPTOM

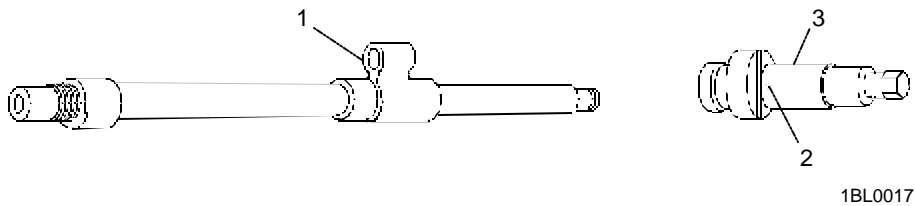
Failure to feed.

MALFUNCTION

Insufficient gas pressure.

CORRECTIVE ACTION

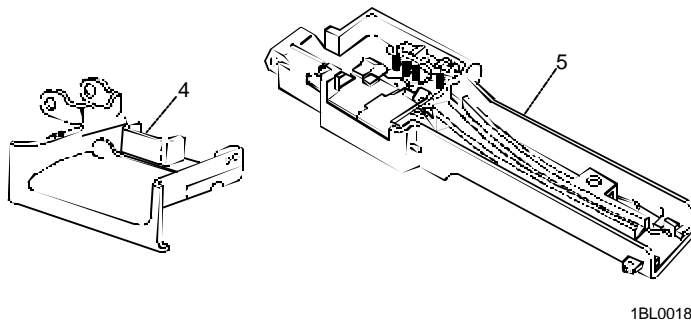
Clean gas port hole (1), gas inlets (2), and gas plug (3) (TM 9-1005-313-10).

**MALFUNCTION**

Broken or damaged feed tray (4) and cover assembly (5).

CORRECTIVE ACTION

Replace feed tray. If cover is defective, notify direct support maintenance. (Marine Corps repair at unit maintenance).

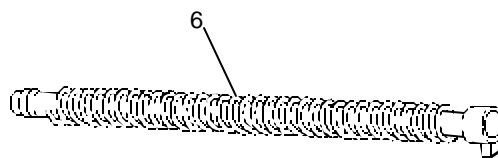


MALFUNCTION

Driving spring rod assembly (6) damaged.

CORRECTIVE ACTION

Replace driving spring rod assembly (6).



1BL0019

SYMPTOM

Failure to eject.

MALFUNCTION

Frozen or damaged ejector (1) or ejector spring (2).

CORRECTIVE ACTION

Replace unserviceable parts.



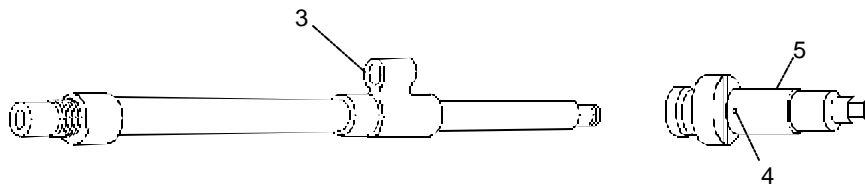
1BL0020

MALFUNCTION

Insufficient gas pressure.

CORRECTIVE ACTION

Clean gas port hole (3), gas inlets (4), and gas plug (5) (TM 9-1005-313-10).



1BL0021

UNIT TROUBLESHOOTING PROCEDURES (cont)

SYMPTOM

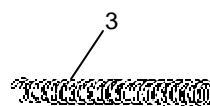
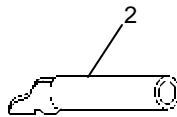
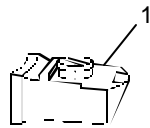
Failure to extract.

MALFUNCTION

Damaged or broken extractor (1), extractor plunger (2), or spring assembly (3).

CORRECTIVE ACTION

Replace unserviceable parts.



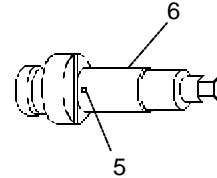
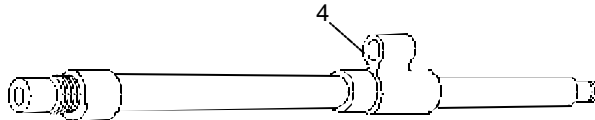
1BL0022

MALFUNCTION

Insufficient gas pressure.

CORRECTIVE ACTION

Clean gas port hole (4), gas inlets (5), and gas plug (6) (TM 9-1005-313-10).



1BL0023

SYMPTOM

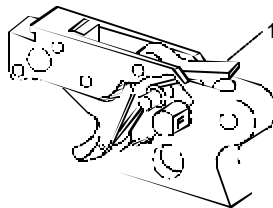
Failure to cock or runaway gun.

MALFUNCTION

Broken, stuck or worn sear (1).

CORRECTIVE ACTION

If defective, notify direct support maintenance.



1BL0024

MALFUNCTION

Broken, stuck or worn tripping lever (2).

CORRECTIVE ACTION

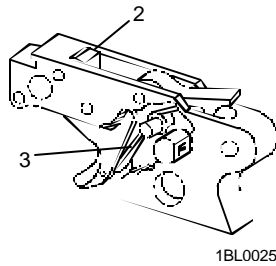
If defective, notify direct support maintenance.

MALFUNCTION

Broken, or damaged sear spring (3).

CORRECTIVE ACTION

If defective, notify direct support maintenance.



END OF WORK PACKAGE

UNIT MAINTENANCE INSTRUCTIONS

This work package contains information regarding repair parts, special tools, and support equipment and instructions for service upon receipt, PMCS, and unit maintenance to keep the machine gun in good repair.

COMMON TOOLS AND EQUIPMENT.

For authorized common tools and equipment, refer to the Modified Table of Organization and Equipment (MTOE) (WP 0042 00) applicable to your unit.

SPECIAL TOOLS, TMDE, AND SUPPORT EQUIPMENT.

Special tools are listed in WP 0063 00 of this manual. Tools and test equipment are listed in WP 0042 00 of this manual. There is no Test, Measurement, and Diagnostic Equipment (TMDE) for this item.

REPAIR PARTS.

Repair parts are listed and illustrated in the repair and special tools list (WP 0044 00 through WP 0071 00) covering unit and direct support maintenance for this equipment.

SERVICE UPON RECEIPT OF MATERIEL**Table 1. SERVICE UPON RECEIPT****WARNING**

Before starting an inspection, be sure to clear the weapon. Do not actuate the trigger until the weapon has been cleared. Inspect the chamber to be sure that it is empty. Check to see that there are no obstructions in the barrel.

LOCATION	ITEM	ACTION	REMARKS
1. Container	Basic Issue Items	Check unpacked equipment. <ul style="list-style-type: none"> Inspect the equipment for damage incurred during shipment. If the equipment has been damaged, report the damage on SF 364, Report of Discrepancy (ROD). Check the equipment against the packing slip to see if the shipment is complete. Report all discrepancies in accordance with instructions of DA PAM 738-750. Check to see whether the equipment has been modified. 	TM 9-1005-313-10
2. Machine Gun	Barrel Assembly	<ul style="list-style-type: none"> Remove volatile corrosion inhibitor (VCI) from barrels. Discard. Tag both barrels and receiver as a set. 	TM 9-1005-313-10
	Machine Gun	<ul style="list-style-type: none"> Field strip machine gun and inspect for missing parts. Clean and lubricate. Reassemble. Function using belted dummy cartridge. 	TM 9-1005-313-10

END OF WORK PACKAGE

CHAPTER 3

UNIT MAINTENANCE INSTRUCTIONS

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)**GENERAL**

- Perform PMCS every 90 days to keep the weapon ready for use.
- If the weapon has not been used for 90 days, PMCS in the operator's manual (TM 9-1005-313-10) should also be performed.
- If you see rust or other signs of wear on a weapon, PMCS must be done immediately.

Table 1. UNIT PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
------	----------	-----------	--------------------	------------	-------------------------------

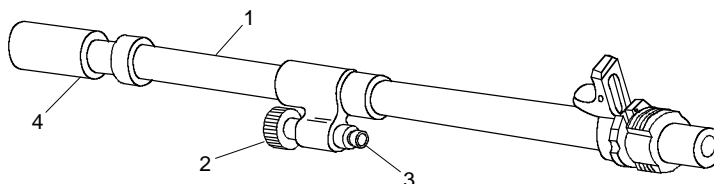
WARNING

Before starting an inspection, be sure to clear the weapon. Do not actuate the trigger until the weapon has been cleared. Inspect the chamber to be sure that it is empty. Check to see that there are no obstructions in the barrel.

All small arms systems must be inspected and/or gaged at least once annually for safety and serviceability. Guard and reserve weapons are to be gaged and inspected at least every two years after initial gaging unless usage, deployment or other maintenance indicates need for a more frequent inspection/gaging. It is recommended that training unit weapons be inspected/gaged after every training cycle. Regardless of weapon ownership, initial gaging/inspection will be one year after receipt of new or overhauled weapon. The appropriate interval starts at this time.

GENERAL: Inspect all assemblies for missing, broken, or loose parts. Inspect parts for cracks, dents, burrs, excessive wear, rust, or corrosion. Make sure all parts are cleaned and lubricated (TM 9-1005-313-10). Do not use cleaning solvents or lubricants on any composite/rubber components. Inspect external surfaces for adequate finish. Refinish if necessary using solid film lubricant (item 6, WP 0074 00). Repair or replace authorized defective parts or notify direct support maintenance if repair or replacement is not authorized (WP 0044 00 through WP0071 00).

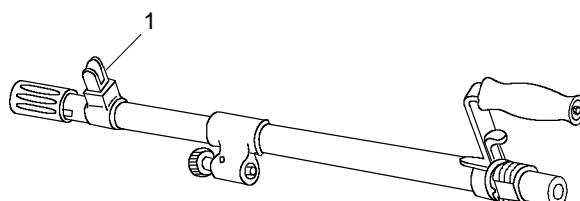
1			Machine Gun	Field strip weapon (TM 9-1005-313-10).	
2			a. Barrel Assembly (all models)	<p>Check barrel (1) for bulges, bends, burrs, and obstructions or pits in chamber or bore. Notify direct support maintenance if barrel is bulged, bent, burred, or if pitting causes extraction problems or appears to be excessive. Disassemble (WP 0009 00), inspect, clean (if necessary) and reassemble collar (2) and plug (3). Make sure flash hider/suppressor (4) is fasten securely.</p> <p>Check for compliance with annual gaging requirements (headspace/barrel erosion). Ensure barrels are properly tagged as a set. Etching/stamping on barrel is not authorized. Notify direct support maintenance for scheduling of gaging.</p>	<p>Barrel has obstruction, bulge, excessive chamber or bore pitting.</p> <p>Required gaging has not been performed or no record of gaging having been performed can be found.</p>



1BL0026

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)**Table 1. UNIT PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)**

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
2 (cont)			b. Barrel Assembly (M240B/M240D/M240E1/M240G/M240H/M240N)	Inspect front sight (1) for looseness or any damage (bends).	Sight is loose, bent or missing.

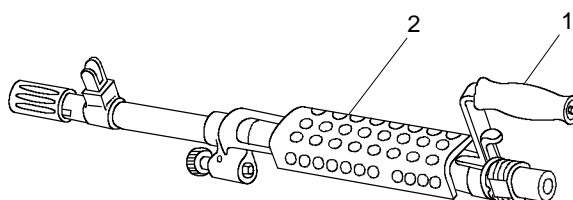


1BL0027

NOTE

Some heat distortion, charring, and cracks may be observed on the outer non-metallic portion of the heatshield; these are not cause for replacement unless they cause edges that can cut or enough plastic is displaced so as to allow contact with metal portions.

			c. Barrel Assembly (M240B/M240D/M240G/M240H/M240N)	Inspect carrying handle assembly (1) for bent, broken, or missing parts. Assure heatshield (2) is present, remains retained on barrel assembly, and is not bent, broken or missing parts (M240B only).	Carrying handle or heatshield is broken or missing. Heatshield cannot be retained on barrel (M240B).
--	--	--	--	--	--



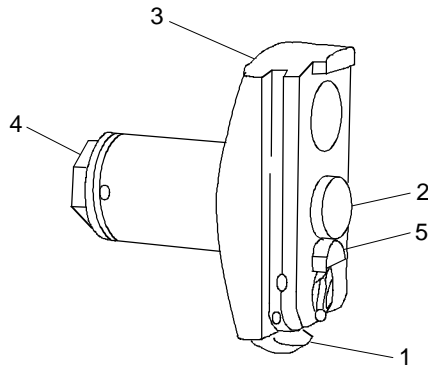
1BL0028

3

a. Buffer Assembly

Check for burrs or rough edges on mating grooves and flanges. Notify direct support maintenance if burred or rough. Check to make sure that back plate latch (1) locks buffer assembly securely to receiver assembly when installed. Make sure buffer plug (2) sticks out through back plate (3) and is flush or higher than the protrusion (5) below it. Make sure there is no rattling sound when buffer is shook or that the plug cannot rotate by finger pressure. Check for imprint or rear of operating rod on the buffer housing. Make sure machine plug (4) is tight.

Latch will not hold buffer assembly in receiver. Washers in buffer housing rattle. Buffer plug is not flush or above protrusion. Plug can be rotated with finger pressure.

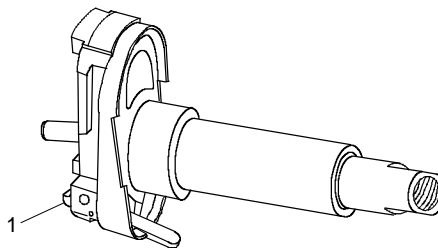


1BL0029

b. Hydraulic Buffer Assembly (M240B/M240N)

Check for burrs or rough edges on mating grooves and flanges. Notify direct support maintenance if burred or rough. Check to make sure that back plate latch (1) locks buffer assembly securely to receiver assembly when installed. Check buffer for leaks. Check buffer for looseness in backplate.

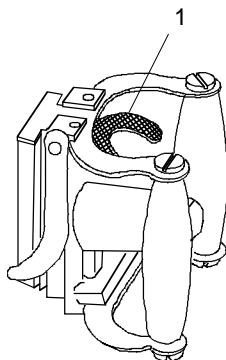
Latch will not hold buffer assembly in receiver; buffer is loose in backplate, or leaking is found. Buffer shaft bent, cracked or mushroomed.



1BL0030

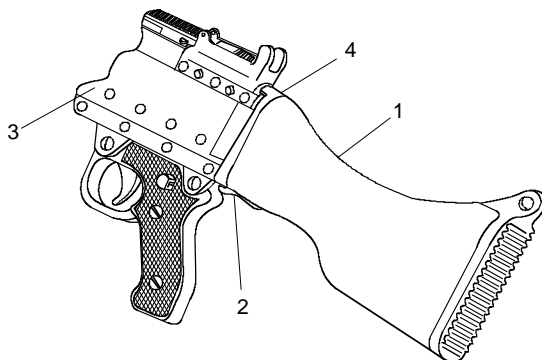
PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)**Table 1. UNIT PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)**

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
3 (cont)			c. Buffer Assembly (M240D/M240E1/M240H)	Check for burrs or rough edges on mating grooves and flanges. Notify direct support maintenance if burred or rough. Check to make sure that back plate latch (1) locks buffer assembly securely to receiver assembly when installed. Make sure buffer plug sticks out through back plate and is flush or higher than the protrusion below it. Make sure there is no rattling sound when buffer is shook or that the plug cannot rotate by finger pressure. Check for imprint or rear of operating rod on the buffer housing. Make sure machine plug is tight. Check trigger assembly (1) for movement. Check for proper spring tension.	Latch will not hold buffer assembly in receiver. Washers in buffer housing rattle. Buffer plug is not flush or above protrusion. Plug can be rotated with finger pressure. Weapon functions with safety at "S".



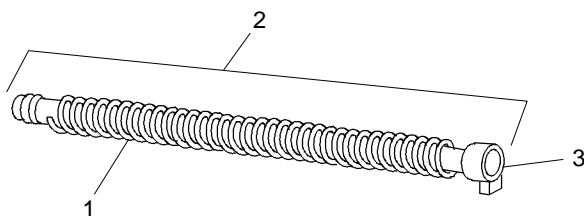
1BL0031

			d. Buttstock and Buffer Assembly (M240B/M240G/M240N)	<p>Inspect buttstock (1) for cracks. Check to make sure backplate latch (2) locks buttstock securely to receiver assembly (3) when installed. Check buttstock for looseness on buffer housing.</p> <p>Ensure buffer block (4) is firmly attached to buttstock (1).</p>	<p>Latch will not hold buttstock in receiver assembly. Buttstock is loose.</p> <p>Buffer is loose, notify direct support maintenance.</p>
--	--	--	--	--	---



1BL0032

4		Driving Spring Rod Assembly	Check spring (1) for broken strands. Replace spring rod assembly (2) if two strands are broken on the same coil or three or more strands are broken, regardless of location, on the same spring. Make sure driving spring rod assembly (3) is not bent.	Two strands are broken on the same coil or three or more strands are broken in any location. Rod bent so as not to collapse and expand freely; or catches on spring.
---	--	-----------------------------	---	--

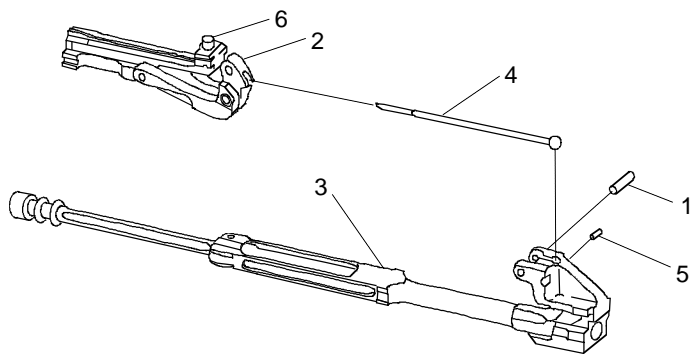


1BL0033

5		Bolt and Operating Rod Assembly	Remove pin (1) and bolt assembly (2) from operating rod assembly (3) (WP 0013 00). Check firing pin (4) to make sure it is straight and has a smooth, round tip. Make sure ball end is installed between spring pin (5) and bottom of groove. Clean and remove carbon, if necessary. Visually inspect bolt for cracks. Check roller (6) for spring action and freedom of movement. Reassemble pin (1) and bolt assembly (2) to operating rod assembly (3).	Firing pin is broken or distorted. Bolt is cracked; roller does not rotate freely. Spring does not return roller to upright position when depressed.
---	--	---------------------------------	--	--

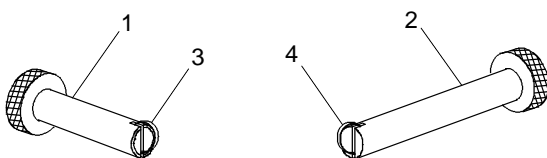
NOTE

Always turn in both barrels with the weapon if turned in to direct support with bolt assembly problems.



1BL0034

6		Trigger Spring Pin and Cover Hinge Spring Pin	Inspect trigger spring pin (1) and cover hinge spring pin (2) for bends, and for broken or missing springs (3 and 4). Replace pins (1 and 2) if they are bent or if the spring pins are missing.	Any part is broken, missing, or damaged.
---	--	---	--	--

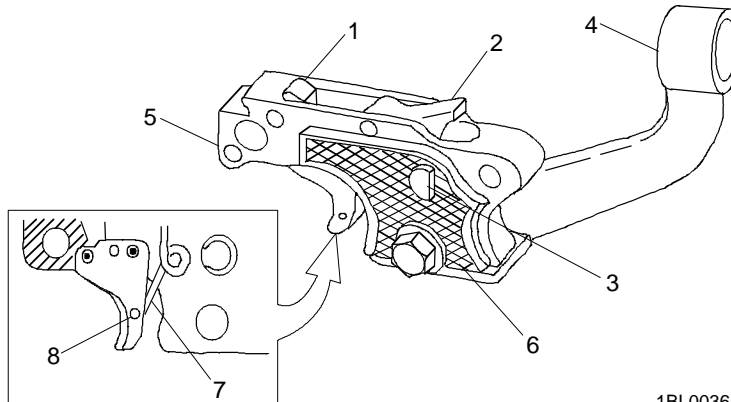


1BL0035

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Table 1. UNIT PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

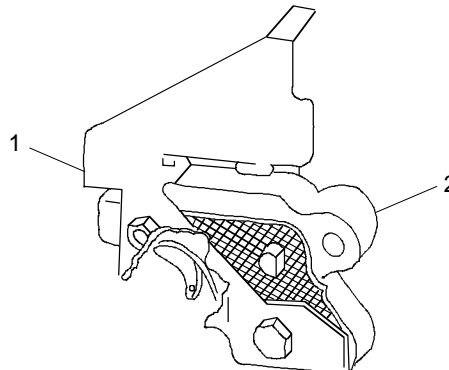
Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
7			Trigger Housing Assembly	<p>Inspect tripping lever (1) and sear (2) for burrs on edges or shoulders. Notify direct support maintenance if burred. Push back on tripping lever to raise sear. Place safety (3) to safe "S". Pull trigger. Sear should not drop down far enough to lock in downward position. Place safety to fire "F". Pull trigger. Sear should drop down and lock in the downward position. Check for cracked grips. Check sear spring (7) to make sure the leg of the sear spring (7) is behind trigger pin (8) and not between the trigger and the pin.</p> <p>a. M240/M240C only: Make sure charger cable guide (4) is securely attached to trigger housing (5).</p>	<p>Weapon functions with safety on "S". Sear spring missing, bent, broken, or not properly installed. Grips are missing.</p> <p>Cable guide broken or missing.</p>



1BL0036

- b. M240D/M240E1/M240H: Check that trigger actuating assembly (1) is securely attached to trigger housing assembly (2). Check that the trigger actuating assembly is not damaged.

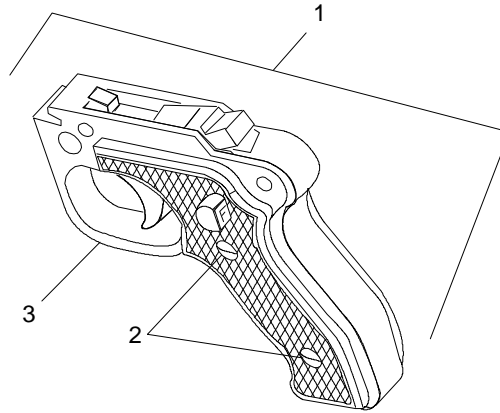
Broken, damaged, or missing parts.



1BL0037

- c. M240B/M240G/M240N: Check grip assembly (1) for loose or missing grip screws (2). Check trigger guard (3) for bends or cracks.

Grip screw(s) are missing. Trigger guard is missing or is bent such as it causes interference with firing.



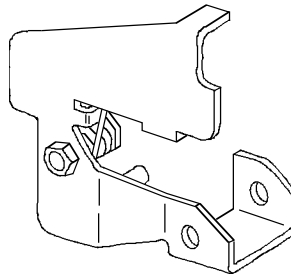
1BL0038

8

Trigger Actuating Assembly (M240D/M240E1/M240H)

Check for proper spring action. Repair or replace unserviceable authorized components (WP 0017 00).

Broken, damaged, weak or missing parts.

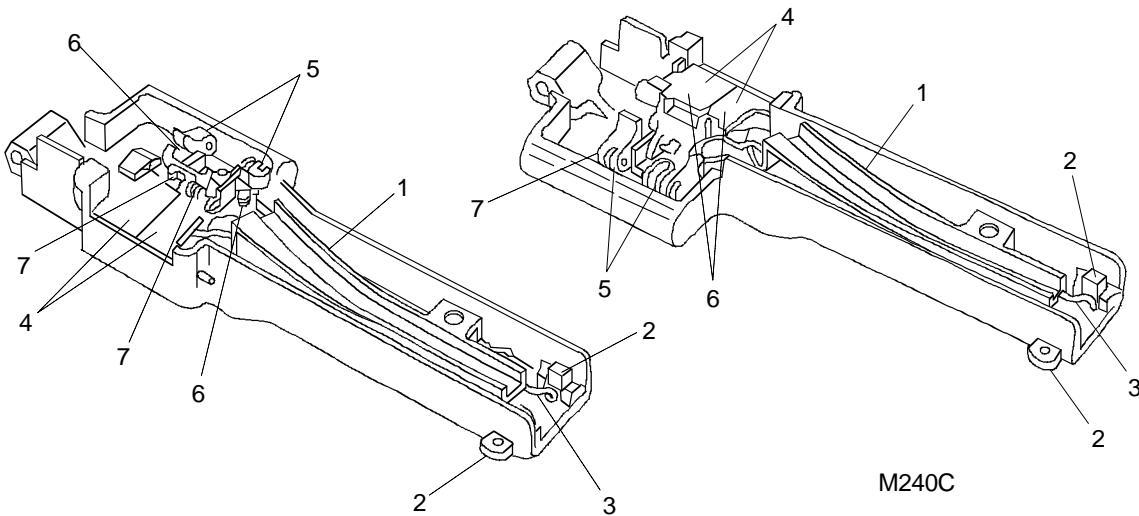


1BL0039

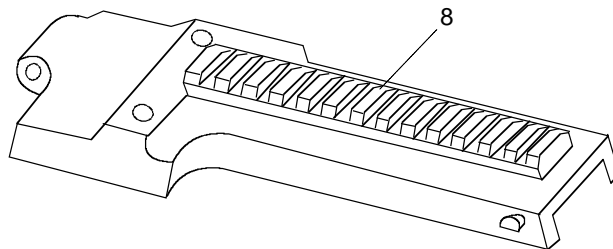
PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Table 1. UNIT PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
9			Cover Assembly	Pivot feed lever (1) back and forth to make sure the feed mechanism operates smoothly without binding. Push in on cover latches (2) to make sure retaining clip (3) is not weak or missing and cover latches (2) do not bind in the housing. Push down on cartridge guides (4) and feed pawls (5) to make sure springs (6 and 7) are not weak or missing. Inspect accessory mounting rail (8) for nicks or burrs (M240B/M240D/M240E1/M240G/M240H/M240N).	Broken or missing parts, or any part is damaged to extent it may cause malfunction. Mounting rail will not accept optional sighting equipment (M240B/M240D/M240E1/M240G/M240H/M240N).



M240/M240B/M240D/M240E1/M240G/M240H/M240N



TOP VIEW
M240B/M240D/M240E1/M240G/M240H/M240N

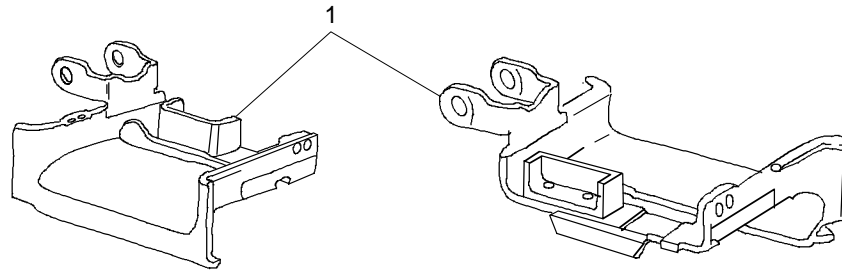
1BL0040

10

Feed Tray

Check feed tray (1) for cracks, deformation, broken welds, and loose rivets.

Cracked, deformed; broken welds or loose rivets.



M240/M240B/M240D/M240E1/
M240G/M240H/M240N

M240C

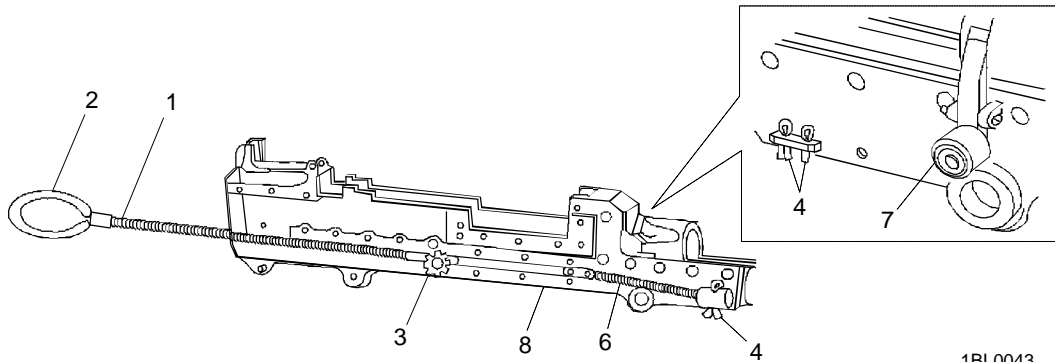
1BL0041

11

Receiver Assembly
(M240/M240C)

Check charger cable (1) for broken strands and for torn or missing rubber handle (2). Make sure charger slide pin (3) and spring plate cotter pins (4) are present and serviceable. Pull charger cable (1) to rear and slowly allow it to return to the forward position to make sure slide (5) does not bind in receiver extension spring (6) is not weak. Push in on barrel locking latch (7) to make sure the latch spring is not missing or weak. Check receiver for loose or missing rivets. Check to make sure access cover (8) is in place in the bottom of the receiver (WP 0018 00). Clean receiver if necessary (TM 9-1005-313-10).

Broken, weak, or missing parts. Any binding occurs. Any rivets are loose or missing.

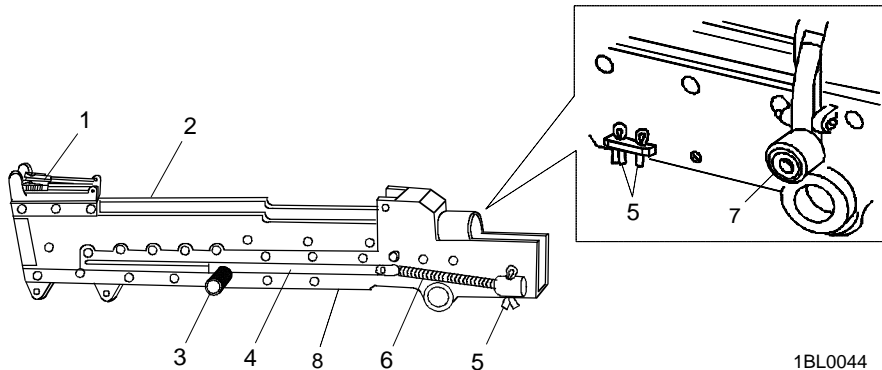


1BL0043

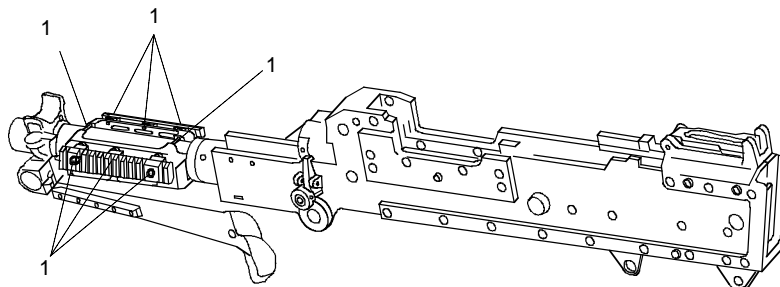
PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Table 1. UNIT PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
11 (cont)			Receiver Assembly (M240B/M240D/M240E1/M240G/M240H/M240N)	Check receiver for loose (finger tight) or missing rivets. Check that rear sight assembly (1) is securely mounted to receiver assembly (2) and operates properly. Check that manual control handle (3) operates slide (4) properly. Make sure spring plate cotter pins (5) are present and serviceable (M240D/ M240E1/M240H). Pull manual control handle to rear and slowly allow it to return to the forward position to make sure slide (4) does not bind in receiver and extension spring (6) (M240D/M240E1/M240H) is not weak. Check for damaged or missing ejection port cover, spring and pin (M240B only). Push in on barrel locking latch (7) to make sure the latch spring is not missing or weak. Check to make sure access cover (8) is in place in the bottom of the receiver (WP 0018 00). Repair or replace all damaged authorized parts (WP 0018 00).	Missing rivets or more than 3 loose rivets on entire receiver; any of forward bolt rail rivets loose. Broken, weak, or missing parts. Any binding occurs.. Damaged or missing ejection port cover should be repaired/replaced as soon as possible, however, it does cause the weapon to be NMC (M240B only).



12			Receiver Assembly with Forward Rail (M240B/M240H)	Check assembly for cracks; broken, loose, or missing parts. NOTE M240B shown for illustration purposes.	Screws (1) loose or missing; body (2) cracked or broken; rails cracked or broken, or won't accept optional devices.
----	--	--	---	--	---



13

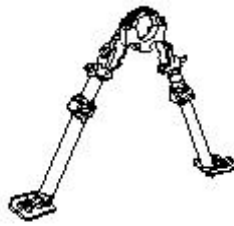
Bipod Assembly
(M240B/M240G/
M240H)

Check bipod legs (1) for cracks, twisted or incomplete assembly.

Cracked, twisted or missing parts. Legs do not release or lock into position.



M240B/M240G



M240H

1BL0004

14

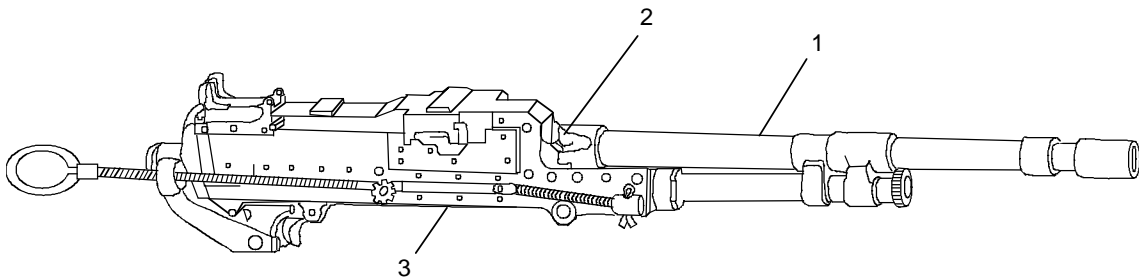
Machine Gun

Assemble weapon (TM 9-1005-313-10). Be sure parts are installed correctly and are in good working condition. When installing the barrel assembly (1) in the receiver (2), rotate the barrel release latch/carrying handle assembly (3) clockwise until it stops. Unlock and rotate counter-clockwise completely. While rotating clockwise, count the number of clicks until it stops. Fewer than 2 or more than 7 clicks indicate defective parts. Notify direct support maintenance. (Make this check with spare barrel also.) Check weapon functioning with belted dummy ammo (TM 9-1005-313-10). If weapon does not function properly and the cause cannot be determined by using the troubleshooting procedures (WP 0004 00), notify direct support maintenance.

Fewer than 2 or more than 7 clicks when installing barrel assy.

Initial gaging is required 1 year from receipt of new or overhauled weapons. Ensure that machine gun has been inspected/gaged within the last year. For Army Reserve and National Guard weapons, the period is 2 years unless inspection shows need for gaging more often due to usage or other factors.

Assigned/spare barrels are not headspaced and/or required tagging is missing. Gaging has not been performed or no record of gaging is available.



M240C

1BL0046

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)**Table 1. UNIT PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)**

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
------	----------	-----------	--------------------	------------	-------------------------------

NOTE

Both barrels and bolt assembly must accompany receiver when weapon is turned in.

Solid Film Lubricant (SFL) is the authorized touchup for the M240 Series Machine Gun and may be used on up to one third of the exterior finish of the weapon receiver.

FOR CONUS USE ONLY: Solid Film Lubricant (item 6, WP 0074 00) may be used as a touchup without limitation on the receiver assembly. This is to say that the units which DO NOT fall under the category of Divisional Combat Units of rapid deployment type units may have up to 100% of the exterior surface of the receiver assembly protected with SFL. Prior to application of SFL, the surface must be thoroughly cleaned and inspected for corrosion and/or damage. If corroded or damaged, the part must be repaired or replaced prior to application of SFL. Continued use under combat conditions would result in an unprotected surface when the SFL wears off. This would result in a large light reflecting surface and accelerated deterioration of the unprotected surface. Therefore, Divisional Combat Units, and units that fall under the definition of Rapid Deployment type must adhere to the limitation of NOT over one third of their exterior receiver surface covered by SFL.

If M240 Series Machine Gun RECEIVER ASSEMBLY is missing one third or more of its exterior protective finish, resulting in an unprotected/light-reflecting surface, it is a candidate for overhaul. This missing finish will be considered a shortcoming. This shortcoming requires action to obtain a replacement weapon. Once a replacement has been received, evacuate the original weapon to depot for overhaul.

UNIT MAINTENANCE OF M240 SERIES MACHINE GUN

M240, NSN 1005-01-025-8095, PN 11826290; M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175; M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033; M240G, NSN 1005-01-359-2714, PN 12999566; M240H, NSN 1005-01-518-2410, P/N 13008366; M240N, NSN 1005-01-493-1666, PN 12999178

This task covers: a. Disassembly/Inspection b. Repair c. Reassembly

INITIAL SETUP**Materials/Parts**

Cleaner, lubricant and preservative (CLP),
 (item 1, WP 0074 00)
Crocus cloth, abrasive (item 3, WP 0074 00)
Cleaning solvent (item 4, WP 0074 00)
Solid film lubricant (item 6, WP 0074 00)
Solvent cleaning compound (RBC
 (item 2, WP 0074 00))

Materials/Parts (cont)

Weapons lubricating oil (as required)
Wiping rag (item 11, WP 0074 00)

References

TM 9-1005-313-10

NOTE

When a machine gun is received at unit maintenance all gaging requirement compliance dates must be checked, and ensure the barrels are tagged to the receiver. In addition, the machine gun must be inspected and, if any deficiencies are found, repaired or noted for repair at the direct support level. Both barrels and bolt assembly must accompany receiver when weapon is turned in for maintenance. Do not mix lubricants on the weapon. The weapon must be thoroughly cleaned during change from one lubricant to another. Cleaning solvent (item 4, WP 0074 00) is authorized for cleaning during change from one lubricant to another.

DISASSEMBLY/INSPECTION**WARNING**

Make certain weapon is cleared and that there is no obstruction in the barrel or chamber.

Field-strip in accordance with TM 9-1005-313-10.

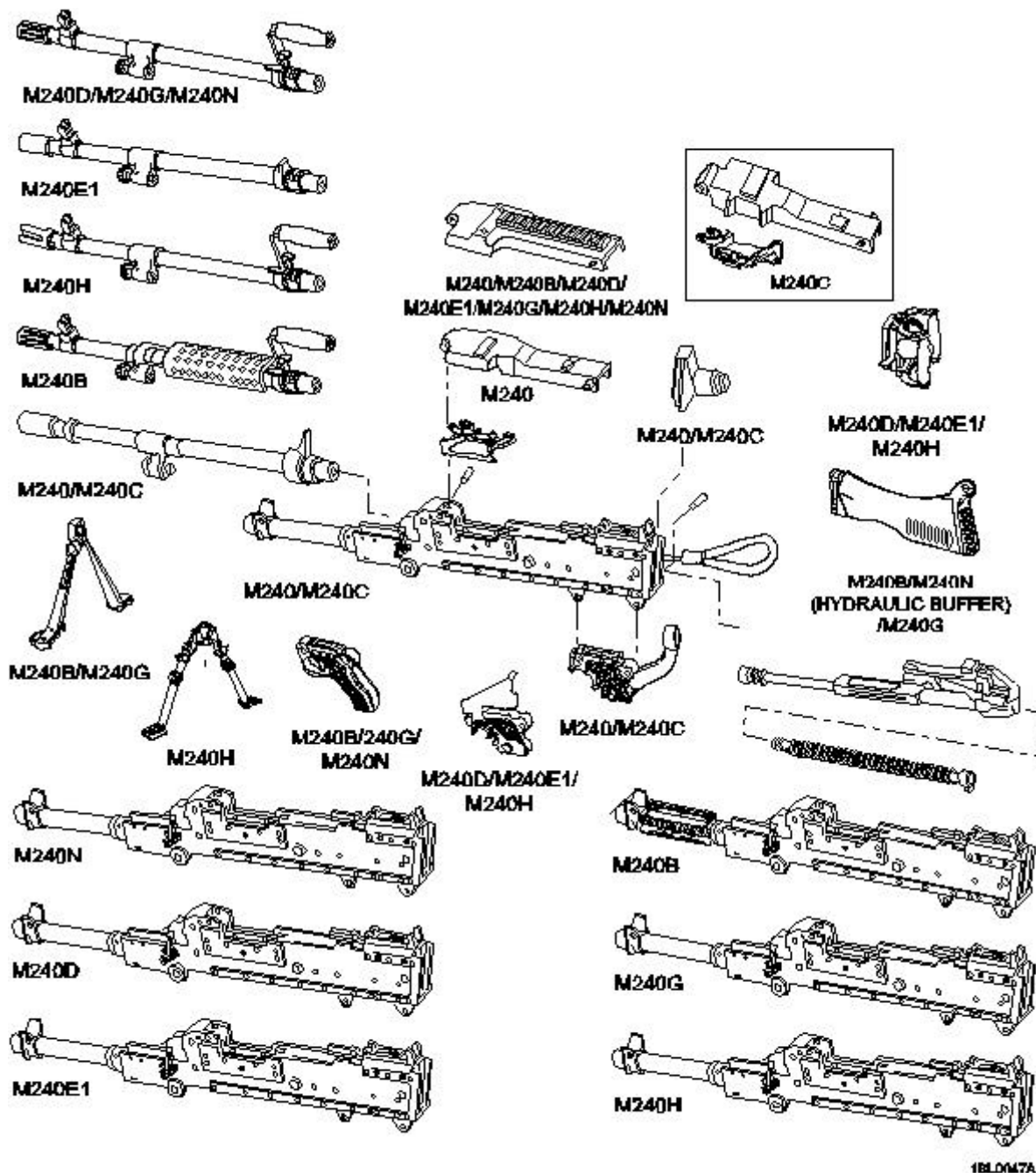
Remove dirt and corrosion or powder residue from parts with wiping rag (item 11, WP 0074 00) dampened with RBC/CLP (item 1 and item 2, WP 0074 00). Lightly lubricate as required.

UNIT MAINTENANCE OF M240 SERIES MACHINE GUN

M240, NSN 1005-01-025-8095, PN 11826290; M240B, NSN 1005-01-412-3129, PN 12976814;
 M240C, NSN 1005-01-085-4758, PN 11826175; M240D, NSN 1005-01-418-6995, PN 12977099;
 M240E1, NSN 1005-01-252-4288, PN 12597033; M240G, NSN 1005-01-359-2714, PN 12999566;
 M240H, NSN 1005-01-518-2410, P/N 13008366; M240N, NSN 1005-01-493-1666, PN 12999178 (cont)

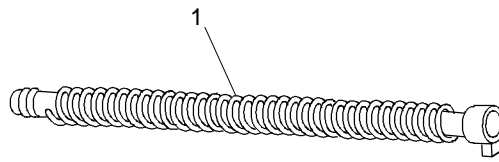
Visually inspect all parts for damage. See appropriate maintenance procedure for repair.

Inspect external surfaces for proper finish (black surfaces should not reflect light). See appropriate maintenance procedure for refinishing instructions.



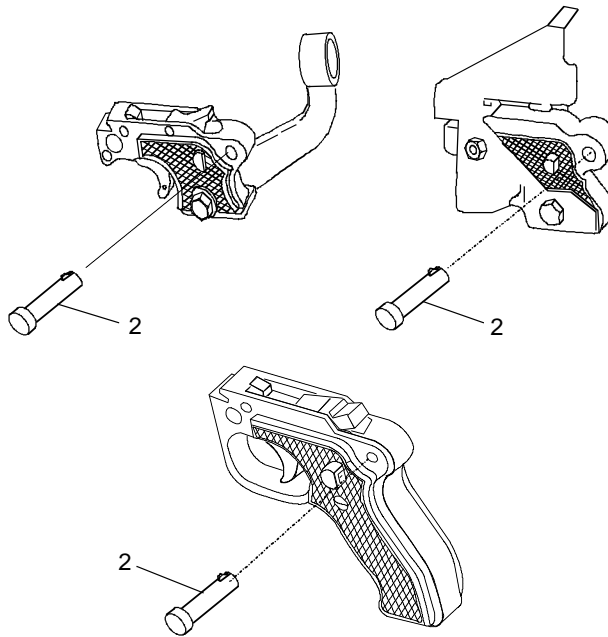
REPAIR

Replace driving spring rod assembly (1) if two or more strands are broken on the same coil, or if there are three or more broken strands, regardless of location, on the spring.



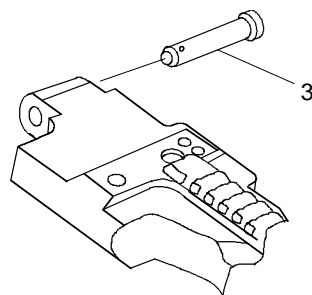
1BL0012

Replace trigger spring pin (2) if it is bent or if spring portion of pin is damaged.



1BL0048

Replace cover hinge spring pin (3), if bent or damaged.



1BL0049

UNIT MAINTENANCE OF M240 SERIES MACHINE GUN

M240, NSN 1005-01-025-8095, PN 11826290; M240B, NSN 1005-01-412-3129, PN 12976814;
M240C, NSN 1005-01-085-4758, PN 11826175; M240D, NSN 1005-01-418-6995, PN 12977099;
M240E1, NSN 1005-01-252-4288, PN 12597033; M240G, NSN 1005-01-359-2714, PN 12999566;
M240H, NSN 1005-01-518-2410, P/N 13008366; M240N, NSN 1005-01-493-1666, PN 12999178 (cont)

REPAIR (cont)**WARNING**

Cleaning solvent is FLAMMABLE and TOXIC and must be kept away from open flames and used in a well-ventilated area. Use of rubber gloves is necessary to protect the skin when washing weapons parts.

Clean rusted and/or shiny surfaces with crocus cloth (item 3, WP 0074 00). Wash thoroughly with cleaning solvent (item 4, WP 0074 00). Do not mix lubricants on the same weapon. The weapon must be thoroughly cleaned with cleaning solvent before changing lubricants.

For baked-on carbon use solvent cleaning compound (RBC) (item 2, WP 0074 00) on machine gun and wipe dry.

CAUTION

If solid film lubricant comes in contact with any internal or moving part, clean part with RBC.

To all external surfaces showing wear, clean thoroughly with cleaning solvent (item 4, WP 0074 00) and dry completely. Apply solid film lubricant (item 6, WP 0074 00) and allow 12 hours to air dry before using weapon.

REASSEMBLY

Reassemble in accordance with (TM 9-1005-313-10).

Check out machine gun using dummy ammo (TM 9-1005-313-10).

NOTE

If barrel or spare barrel is damaged on M240 series machine gun, evacuate both, along with the weapon, to direct support maintenance.

END OF WORK PACKAGE

UNIT MAINTENANCE OF BARREL ASSEMBLY

M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
M240E1, NSN 1005-01-251-9701, PN 12597035; M240D/M240G/M240N, NSN 1005-01-408-5897,
PN 12976818; M240H, NSN 1005-01-518-2410, P/N 13008220

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)
Gas Port Erosion Tool, (item 14, WP 0042 00)

Equipment Condition

Barrel removed from receiver
(TM 9-1005-313-10).

DISASSEMBLY

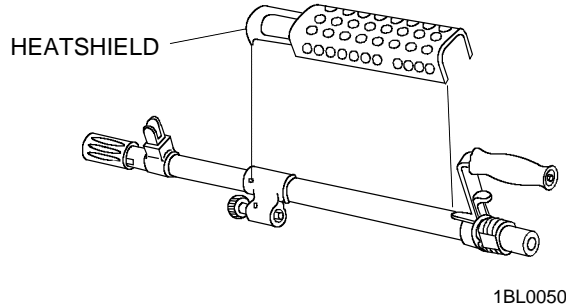
WARNING

Replacement of barrel assembly or barrel adapter requires direct support level gaging (WP 0038 00).

NOTE

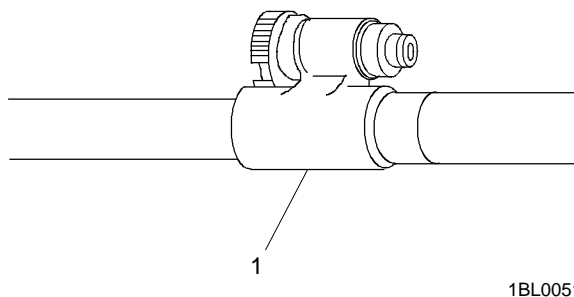
Do not remove liner from heat shield.

Remove heat shield from barrel (M240B).



NOTE

Clamp in gas port area (1) only.

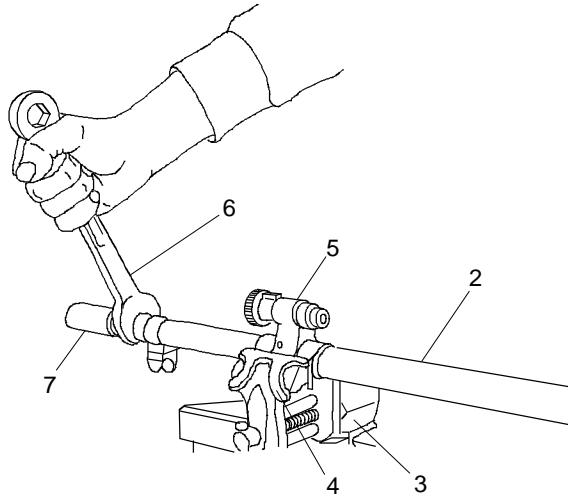


UNIT MAINTENANCE OF BARREL ASSEMBLY

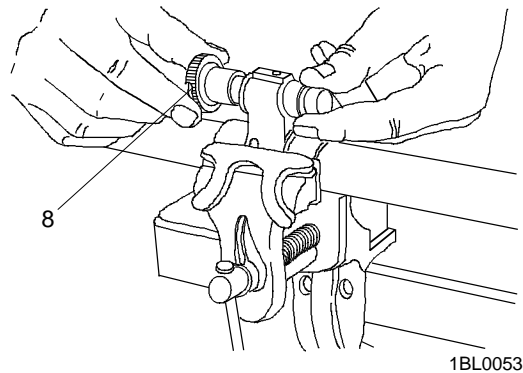
M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
M240E1, NSN 1005-01-251-9701, PN 12597035; M240D/M240G /M240N, NSN 1005-01-408-5897,
PN 12976818; M240H, NSN 1005-01-518-2410, P/N 13008220

Secure barrel assembly (2) in a vise (3) using protective jaws (4) with gas regulator (5) up.

Use 23mm box and open-end combination wrench (6) to remove flash hider (7).

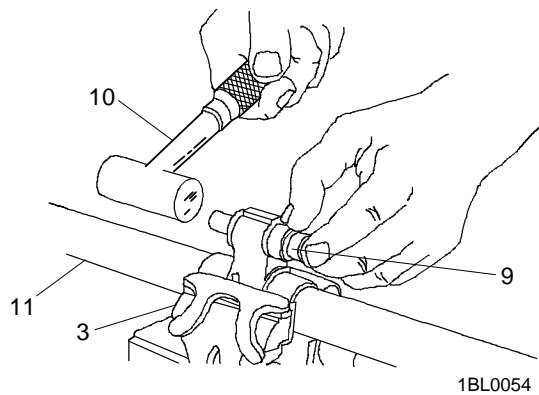


Rotate collar (8) until it releases, and then pull it out.



Drive out plug (9) using a brass hammer (10). Catch plug (9) to prevent damage.

Remove barrel (11) from vise.

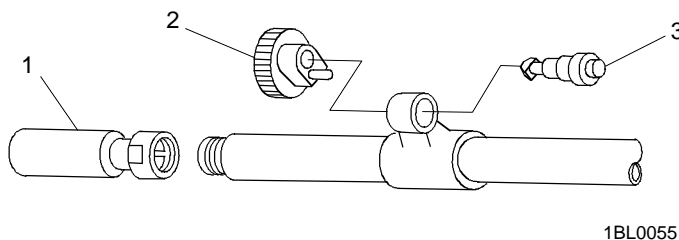


INSPECTION/REPAIR

Inspect flash hider/suppressor (1), collar (2) and plug (3) for dents or burrs. Replace if damaged.

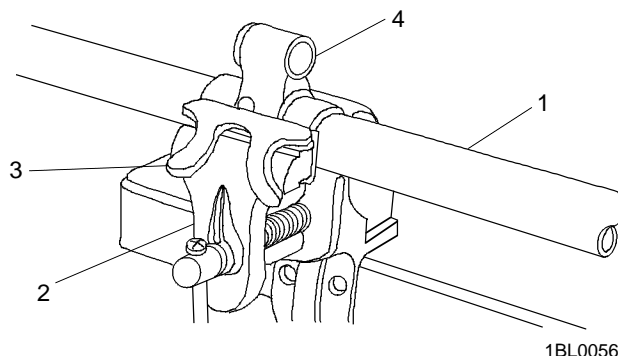
(M240B/M240H) (Army only): Attempt to insert gas port erosion tool (item 14, WP 0042 00) into gas inlet hole in plug to ensure hole is not oversized. If tool passes into #1 hole replace the plug or is enlarged or out of round. The #1 gas port on other M240 series weapons can be checked using this tool, rejection criteria is the same.

If other parts of barrel assembly are damaged, notify direct support maintenance.

**REASSEMBLY****NOTE**

Clamp in gas port area only.

Secure barrel (1) in vise (2) using protective jaws (3) with gas regulator area (4) up.

**NOTE**

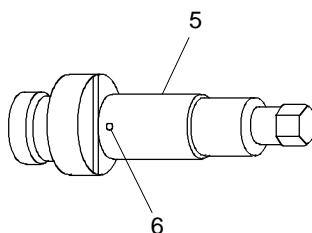
The plug (5) is designed with three gas inlet settings to maintain the rate of fire. This design is intended to maintain a constant rate of fire under adverse conditions and NOT TO INCREASE RATE OF FIRE. Gas inlet setting number 1 (6) (number facing the barrel) is preferred for normal conditions.

ARMY ONLY: The plug (5) is designed with one gas inlet setting to maintain the rate of fire (M240B/M240H).

Setting 1 = 650 rds/m approx. (600 rds/m (M240B/M240N with hydraulic buffer only))

Setting 2 = 750 rds/m approx. (625 rds/m (M240B/M240N with hydraulic buffer only))

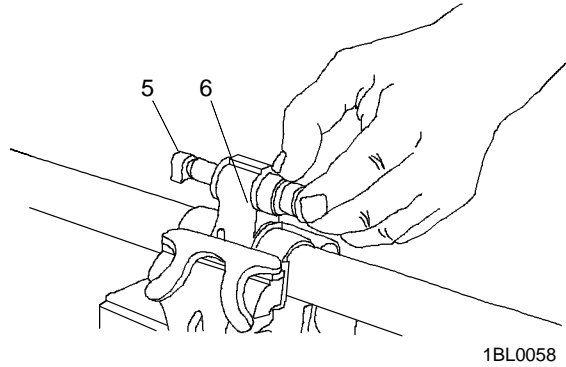
Setting 3 = 950 rds/m approx. (650 rds/m (M240B/M240N with hydraulic buffer only))



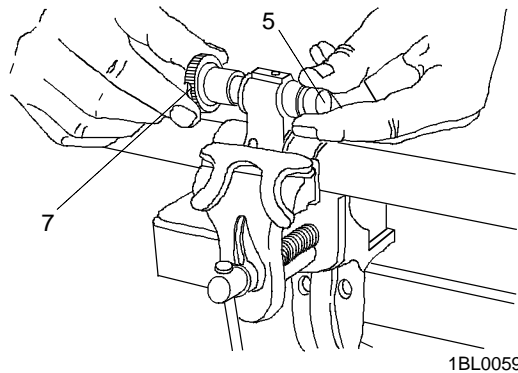
UNIT MAINTENANCE OF BARREL ASSEMBLY

M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
M240E1, NSN 1005-01-251-9701, PN 12597035; M240D/M240G /M240N, NSN 1005-01-408-5897,
PN 12976818; M240H, NSN 1005-01-518-2410, P/N 13008220

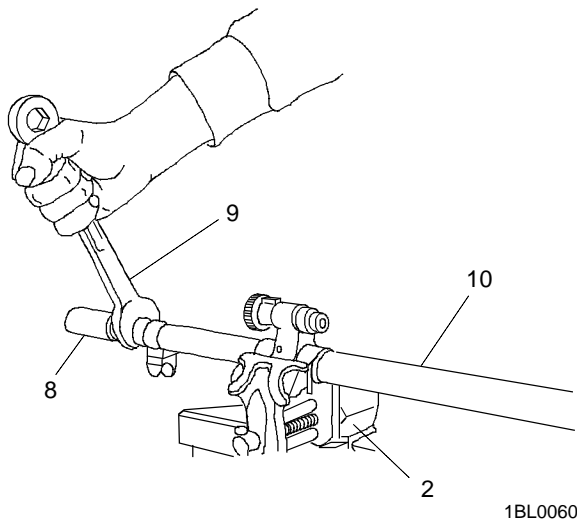
Place plug (5) with gas inlet setting number 1 (6) facing the barrel.



Install collar (7) on plug (5). Rotate collar (7) until it slips onto plug (5). Press in and rotate to lock in place (pull collar (7) to be sure it is in the locked position).

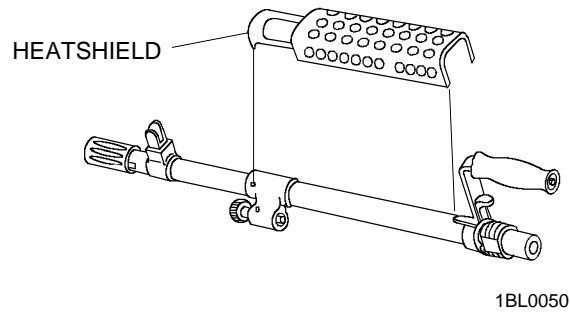


Install flash hider/suppressor (8) on barrel and tighten securely using 23mm box and open-end combination wrench (9).



Remove barrel assembly (10) from vise (2).

Attach heatshield to barrel (M240B).



END OF WORK PACKAGE

UNIT MAINTENANCE OF FRONT SIGHT ASSEMBLY **M240B/M240D/M240E1/M240G/M240H/M240N, NSN N/A, PN 12597038**

This task covers: Disassembly/repair/reassembly

INITIAL SETUP

Tools and Special Tools

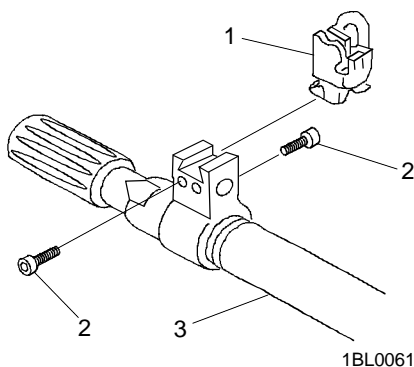
Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Spring pin, PN MS51923-152

DISASSEMBLY/REPAIR/REASSEMBLY

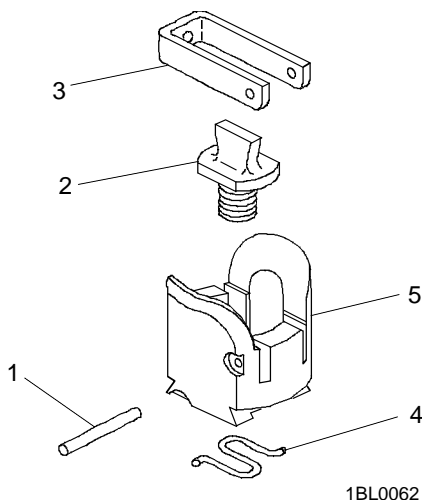
Remove two front sight adjusting screws (2) and remove front sight assembly (1) from the barrel (3).



Remove front sight adjusting spring (4), spring pin (1), front sight retaining strap (3), and front sight blade (2), from front sight protector (5). Discard spring pin.

Repair by replacing unserviceable components.

Install front sight blade (2), front sight retaining strap (3), new spring pin (1), and front sight adjusting spring (4) in front sight protector (5).



END OF WORK PACKAGE

**UNIT MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN 12597057**

This task covers: Disassembly/repair/reassembly

INITIAL SETUP**Tools and Special Tools**

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Spring, pin, PN MS39086-80

Equipment Condition

Buffer and spade grip removed from receiver
(TM 9-1005-313-10).

DISASSEMBLY/REPAIR/ASSEMBLY

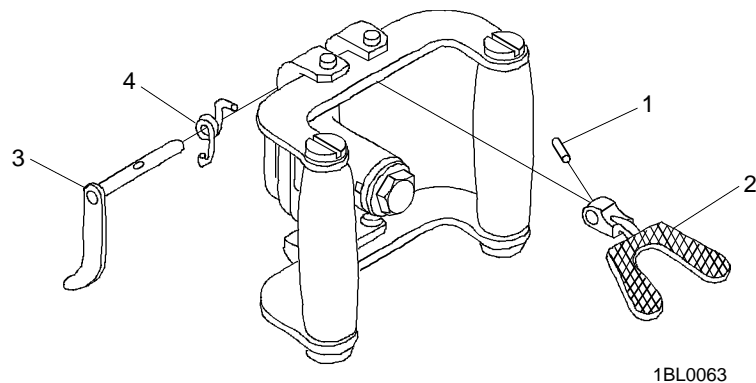
Drive out and discard spring pin (1).

Remove trigger assembly (2), arm assembly (3), and helical spring (4).

Repair by replacing unserviceable components.

Install helical spring (4), arm assembly (3), and trigger assembly (2).

Secure with new spring pin (1).

**END OF WORK PACKAGE**

UNIT MAINTENANCE OF BUTTSTOCK AND BUFFER ASSEMBLY
M240G, NSN 1005-01-408-5901, PN 12976851; AND
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, NSN 1005-01-461-2658,
PN 12988986

This task covers: a. Disassembly b. Inspection/repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Equipment Condition

Buttstock and buffer assembly removed from
 receiver (TM 9-1005-313-10)

DISASSEMBLY

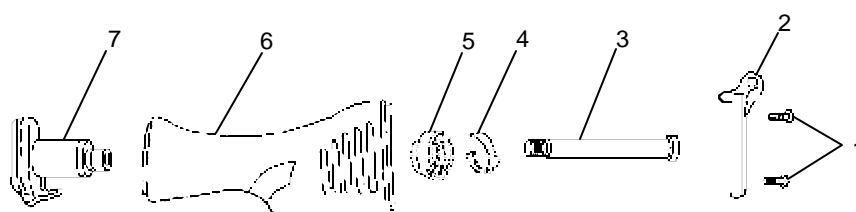
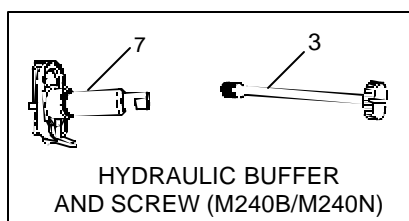
Remove two screws (1) from buttplate (2).

Remove the butt securing screw (3) from buttstock. The locking ring (4) and securing screw bushing (5) are not to be removed at unit maintenance (visual inspection only).

NOTE

Disassembly of the buffer housing and plug assembly (7) is not authorized at unit maintenance.

Remove buffer housing and plug assembly (6) from the buttstock assembly (7) to inspect locking ring and bushing.



M240G

1BL0064

UNIT MAINTENANCE OF BUTTSTOCK AND BUFFER ASSEMBLY
M240G, NSN 1005-01-408-5901, PN 12976851; AND
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, NSN 1005-01-461-2658,
PN 12988986 (cont)

INSPECTION/REPAIR

Visually inspect the buttstock for cracks. If cracked, replace buttstock.

Visually ensure the locking ring (4) and securing screw bushing (5) are physically in place within the buttstock.

Inspect the screws for burrs or stripped threads. If found, replace. If hollow buttstock securing screw is broken or cracked, replace.

Check buttplate for cracks, deformations and burrs. Remove burrs with file. If cracked or deformed, replace buttplate.

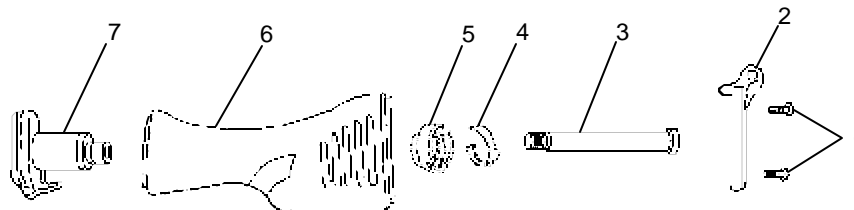
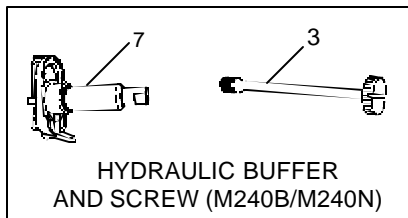
If buffer housing and plug assembly need repair, evacuate weapon to direct support maintenance.

M240B/M240N: If hydraulic buffer is loose from buffer housing, evacuate to direct maintenance.

REASSEMBLY

Install the buffer housing and plug assembly (7) in to the front end of the buttstock (6); secure firmly with the butt securing screw (3).

Attach the buttplate (2) using the two screws (1).



M240G

1BL0064

END OF WORK PACKAGE

UNIT MAINTENANCE FOR BOLT AND OPERATING ROD ASSEMBLY
M240/M240C/M240E1, NSN N/A, PN 11826070,
M240B/M240D/M240G/M240H/M240N, NSN N/A, PN 12976866

This task covers: a. Disassembly b. Inspection c. Repair d. Reassembly

INITIAL SETUP

Tools and Special Tools

Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Crocus cloth, abrasive (item 3, WP 0074 00)
 Spring, pin (1), PN 11826068-1

Equipment Condition

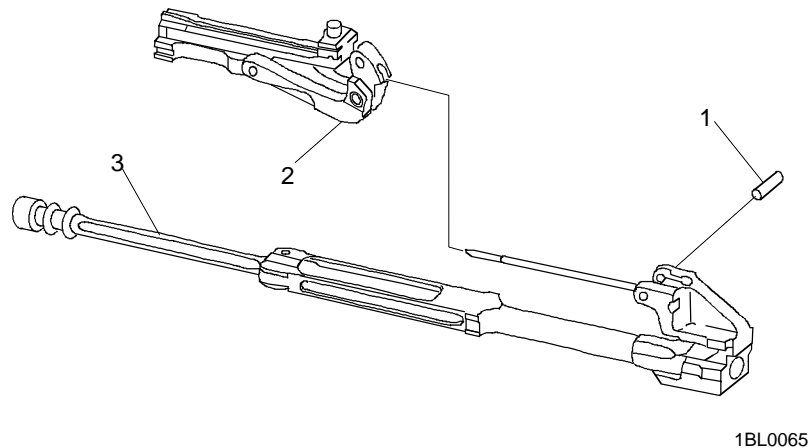
Bolt and operating rod removed from receiver
 (TM 9-1005-313-10).

DISASSEMBLY

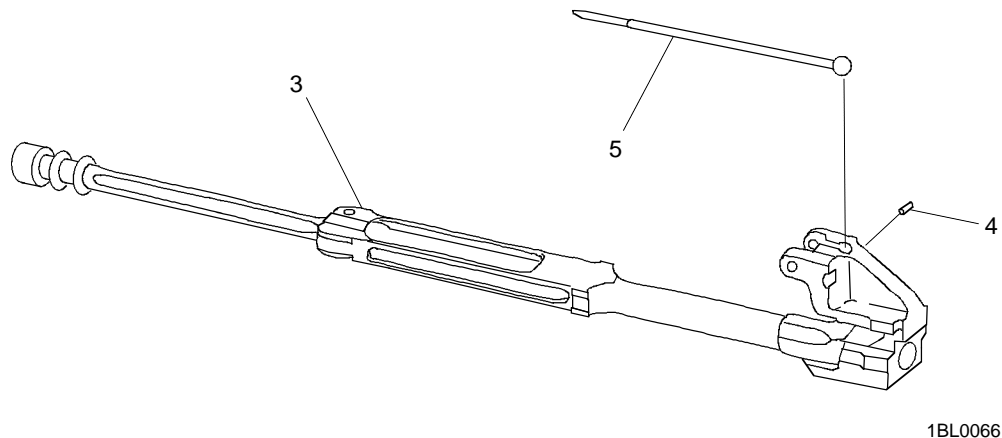
NOTE

Replacement of the firing pin, bolt assembly, or the operating rod assembly requires direct support level gaging (WP 0038 00).

Remove spring pin (1) and bolt assembly (2) from operating rod assembly (3).



Remove spring pin (4) and discard. Remove firing pin (5) from operating rod assembly (3).



UNIT MAINTENANCE FOR BOLT AND OPERATING ROD ASSEMBLY
M240/M240C/M240E1, NSN N/A, PN 11826070,
M240B/M240D/M240G/M240H/M240N, NSN N/A, PN 12976866 (cont)

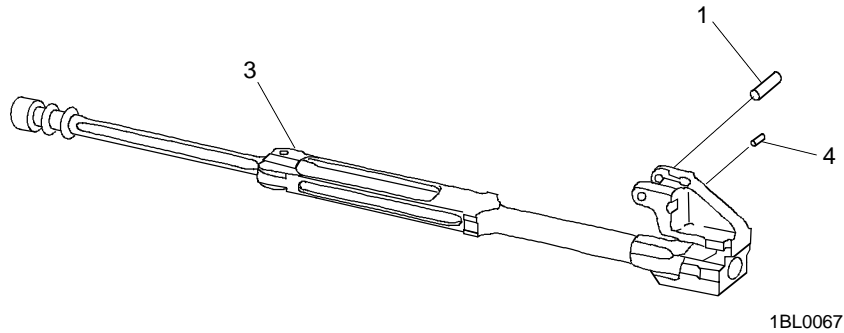
INSPECTION

Inspect spring-loaded pin (1) and spring pin (4) for damage or burrs. Replace if damaged.

NOTE

Slight rotation of piston end of operating rod assembly (3) in its housing is normal and is not cause for rejection.

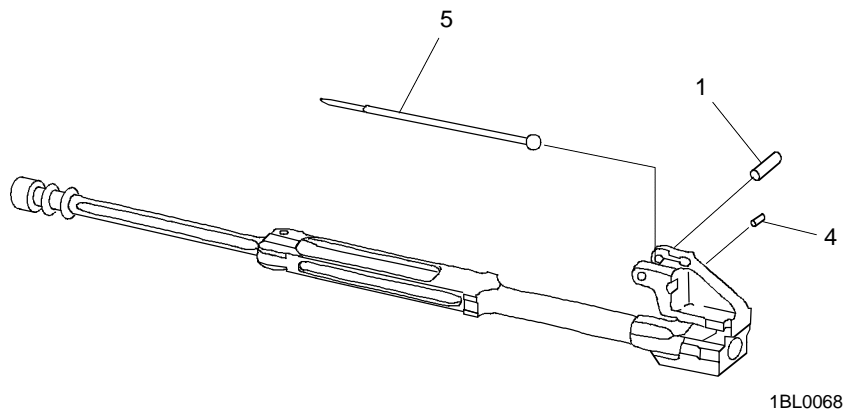
If operating rod assembly (3) is damaged, notify direct support maintenance (Marine Corps replace at unit maintenance).



REPAIR

Remove burrs from spring-loaded pin (1) with crocus cloth (item 3, WP 0074 00). Replace if burrs cannot be removed.

Replace firing pin (5) if bent or broken.

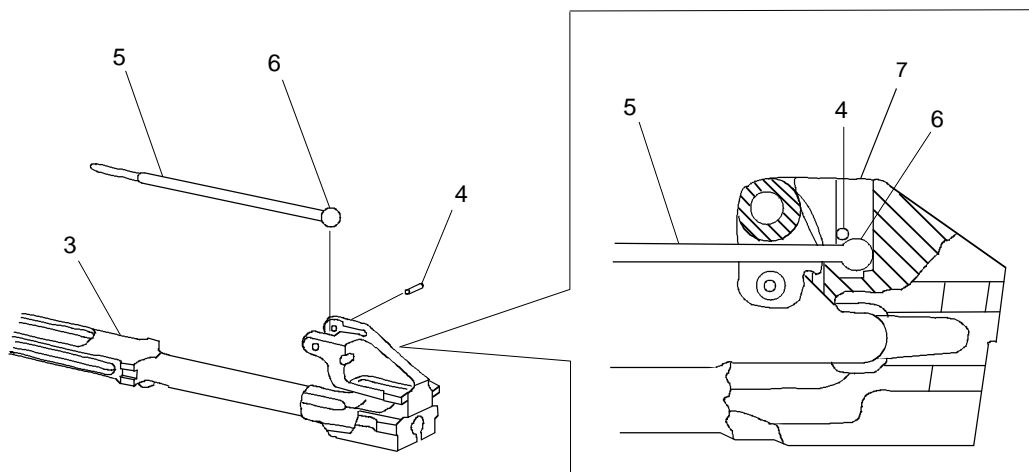


REASSEMBLY**NOTE**

The ball end of the firing pin must be positioned in groove between the spring pin hole and the bottom of the groove in the operating rod assembly.

Install ball end (6) of the firing pin (5) into the groove (7) in operating rod assembly (3).

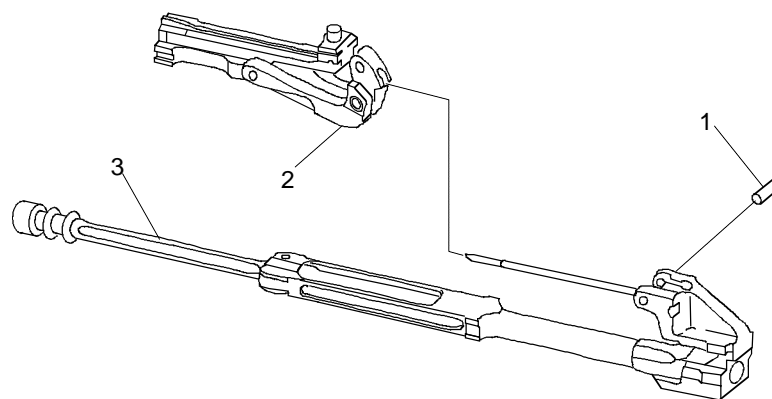
Install spring pin (4) so that the ball end (6) of firing pin (5) is properly seated in groove (7) of operating rod assembly (3).



1BL0069

Install bolt assembly (2) on operating rod assembly (3) and secure with spring pin (1).

Make sure bolt linkage moves freely by moving bolt assembly (2) through range of operation. If movement is not free, check spring pin (1) and mating surfaces for damages.



1BL0065

END OF WORK PACKAGE

UNIT MAINTENANCE FOR BOLT ASSEMBLY M240 SERIES, NSN N/A, PN 11826057

This task covers: a. Disassembly b. Cleaning c. Inspection/Repair d. Reassembly

INITIAL SETUP

Tools and Special Tools

Combination tool, PN 11826059
Ejector removing tool, PN 11826067
Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Solvent cleaning compound (RBC)
(item 2, WP 0074 00)
Spring, pin, PN 11826068-3
Weapons lubricating oil (as required)
Wiping rag, (item 11, WP 0074 00)

Materials/Parts

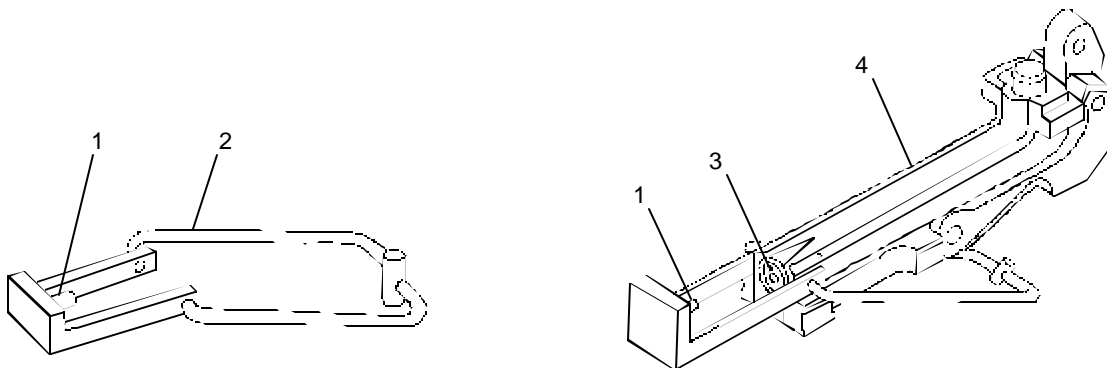
Cleaner, lubricant and preservative (CLP)
(item 1, WP 0074 00)

Equipment Condition

Bolt assembly disassembled from operating rod
(TM 9-1005-313-10).

DISASSEMBLY

Align pin (1) of ejector removing tool (2) with groove in ejector (3) in bolt assembly (4).

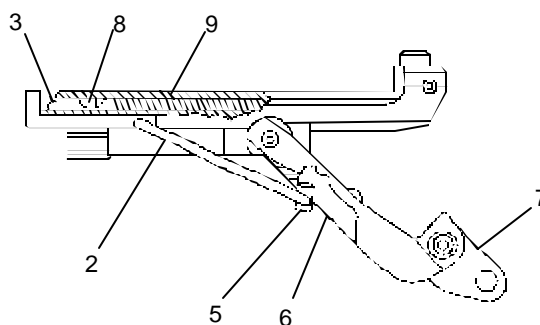


1BL0070

Insert stud (5) into locking recess (6) of locking lever (7).

WARNING

Point bolt face away from your face and away from other personnel, the spring can fly out and cause injury.



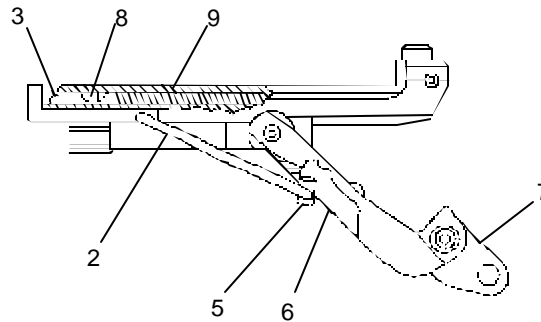
1BL0071

UNIT MAINTENANCE FOR BOLT ASSEMBLY M240 SERIES, NSN N/A, PN 11826057 (cont)

DISASSEMBLY (cont)

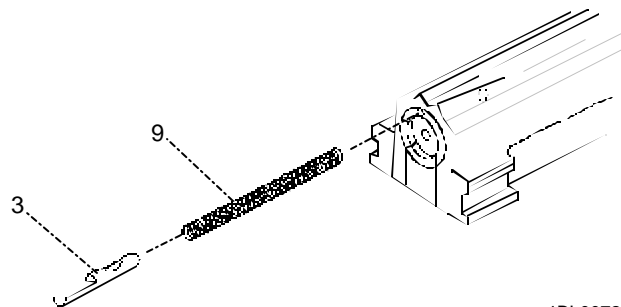
Apply pressure to ejector (3) by pushing up on locking lever (7) to relieve spring tension on helical compression ejector spring (9) and drive out spring pin (8). Discard spring pin.

Release and remove ejector removing tool (2).



1BL0071

Remove ejector (3) and helical compression spring (9).



1BL0072

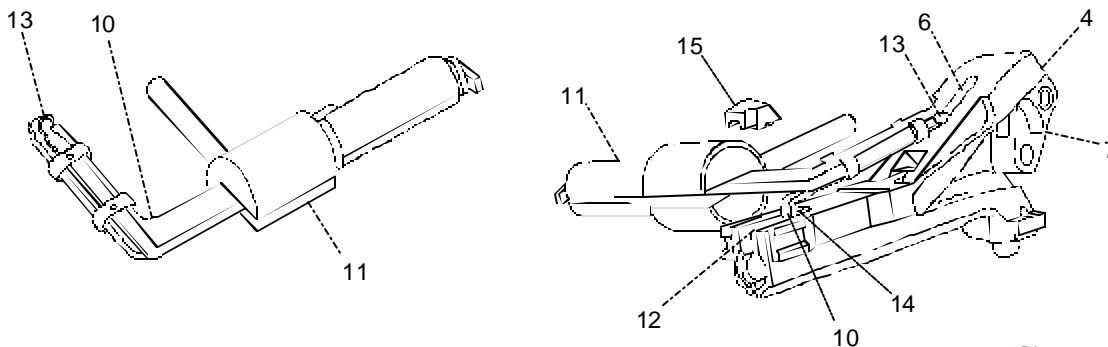
NOTE

Refer to WP 0040 00 for fabrication instructions of a protective cover for combination tool (11).

Insert thin edge (10) of combination tool (11) in groove (12) of extractor plunger and thick edge (13) in locking recess (6) in bottom side of bolt assembly (4).

WARNING

Point bolt face away from your face and away from other personnel. The spring can fly out and cause injury.



1BL0073

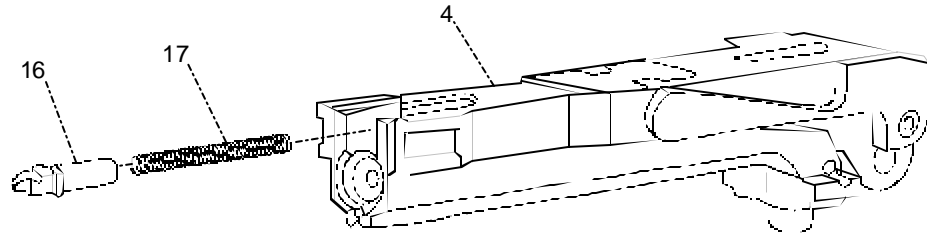
Hold combination tool (11) and push locking lever (7) downward to compress extractor spring assembly (14).

Maintaining pressure on combination tool (11), remove extractor (15) by pushing down on front of it.

WARNING

Point bolt face away from your face and away from other personnel, the spring can fly out and cause injury.

Remove combination tool. Remove extractor plunger (16) and extractor spring assembly (17) from bolt (4).



1BL0074

CLEANING

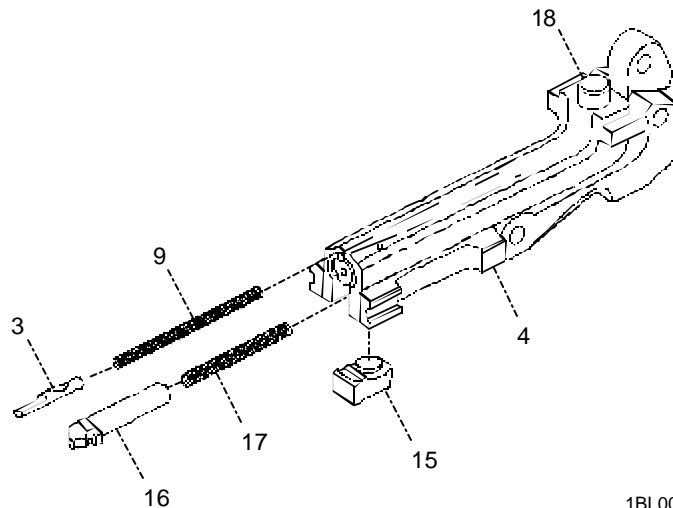
CAUTION

Do not lubricate face of bolt assembly.

Remove dirt and corrosion from all parts using wiping rag (item 11, WP 0074 00) dampened with RBC (item 2, WP 0074 00) or CLP (item 1, WP 0074 00). Lightly lubricate all parts, except top surface and face of bolt assembly after cleaning.

INSPECTION/REPAIR

Inspect roller (18) on top of bolt assembly (4) for free movement. If roller does not move freely, notify direct support maintenance. (Marine Corps replace at unit maintenance.)



1BL0075

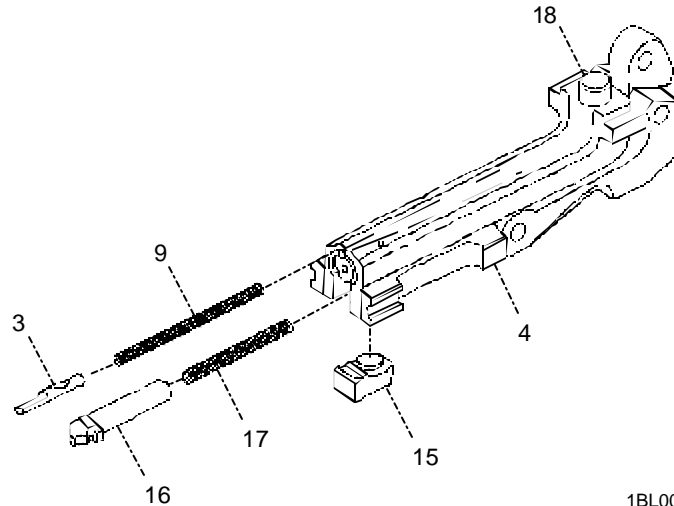
UNIT MAINTENANCE FOR BOLT ASSEMBLY M240 SERIES, NSN N/A, PN 11826057 (cont)

INSPECTION/REPAIR (cont)

Be sure bolt linkage moves freely through range of operation. If it does not move freely, notify direct support maintenance. (Marine Corps replace at unit maintenance.)

Inspect extractor plunger (16), extractor spring assembly (17), ejector (3), helical compression ejector spring (9), and extractor (15) for damage. Replace if damaged.

Inspect bolt breech body (4). If bolt breech body is damaged, notify direct support maintenance.



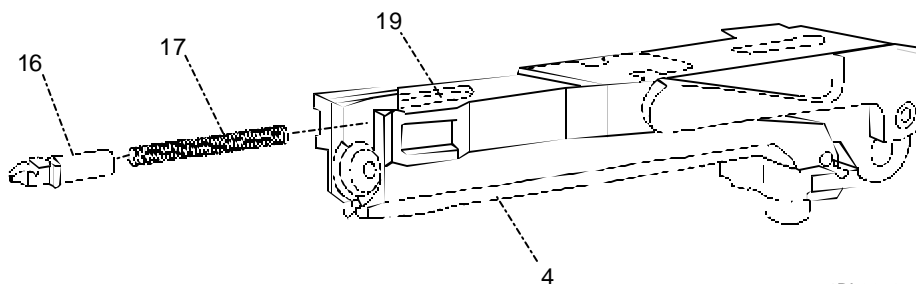
1BL0075

REASSEMBLY

WARNING

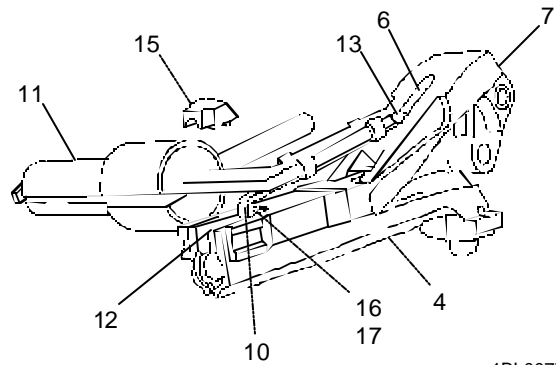
Point bolt face away from your face and away from other personnel, the spring can fly out and cause injury.

Make sure the first coil on one end of extractor spring assembly (17) is open slightly. Place the open end of the extractor spring assembly (17) in extractor plunger (16). (The open end of the extractor spring assembly should hold the extractor spring assembly in the extractor plunger.) Place extractor spring assembly (7) and extractor plunger (16) in hole in bolt face (19) of bolt assembly (4) (extractor spring assembly end goes in first).



1BL0076

Insert thin edge (10) of combination tool (11) in groove (12) of extractor plunger (16) and thick edge (13) in locking recess (6) in bottom side of bolt assembly (4).



1BL0077

Hold combination tool (11) and push locking lever (7) downward to compress extractor spring assembly (17) and extractor plunger (16).

Insert extractor (15) into bolt assembly (4). Release combination tool (11) until extractor plunger (16) makes contact with extractor (15).

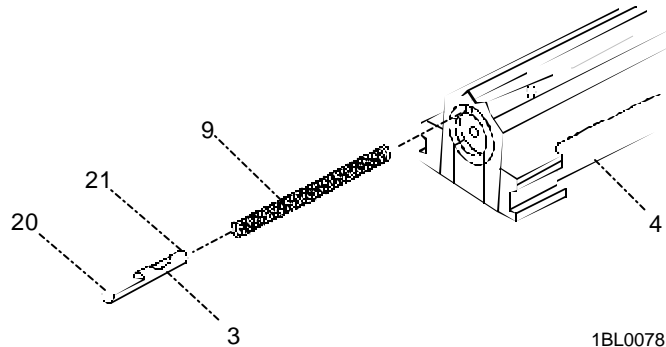
Remove combination tool (11).

WARNING

Point bolt face away from your face and away from other personnel, the spring can fly out and cause injury.

Install helical compression ejector spring (9) in bolt assembly (4).

With groove (20) facing upward (shoulder end (21) goes in first), install ejector (3) in bolt assembly (4).



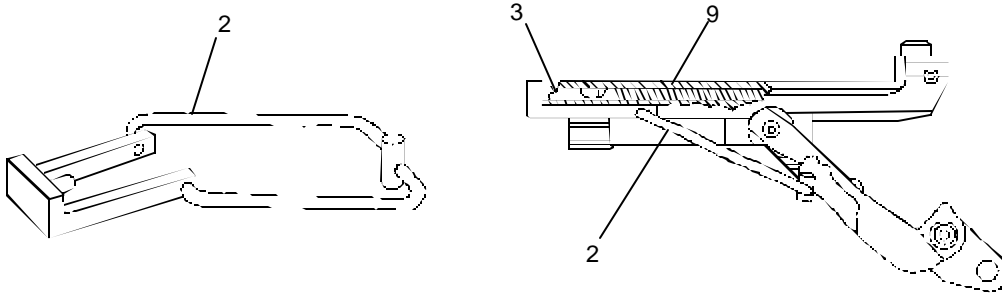
1BL0078

**UNIT MAINTENANCE FOR BOLT ASSEMBLY
M240 SERIES, NSN N/A, PN 11826057 (cont)**

REASSEMBLY (cont)**WARNING**

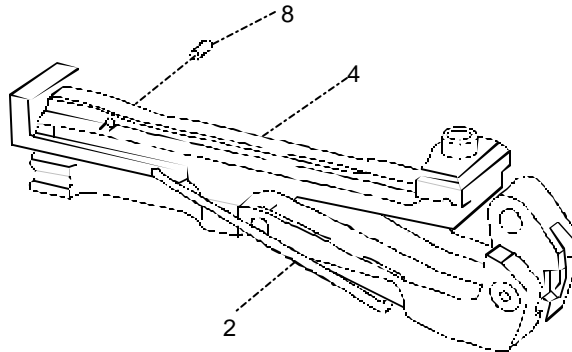
Point bolt face away from your face and away from other personnel, the spring can fly out and cause injury.

Install ejector removing tool (2). Apply pressure to ejector (3) and compress helical compression ejector spring (9) with ejector removing tool (2).



1BL0079

Install new spring pin (8) in bolt assembly (4). Spring pin (8) should be flush or slightly below flush. Remove ejector removing tool (2).



1BL0080

END OF WORK PACKAGE

UNIT MAINTENANCE OF TRIGGER HOUSING ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230;
M240D/M240E1/M240H, NSN 1005-01-525-5050, PN 13008368

This task covers: a. Disassembly b. Cleaning/Inspection/Repair d. Reassembly

INITIAL SETUP

Tools and Special Tools

Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Nut, Self-locking (PN MS 21083-C6)
 Solvent cleaning compound (RBC)
 (item 2, WP 0074 00)
 Weapons lubricating oil (as required)
 Wiping rag (item 11, WP 0074 00)

Materials/Parts

Bar laundry soap (item 14, WP 0074 00)
 Cleaner, lubricant and preservative (CLP)
 (item 1, WP 0074 00)

Equipment Condition

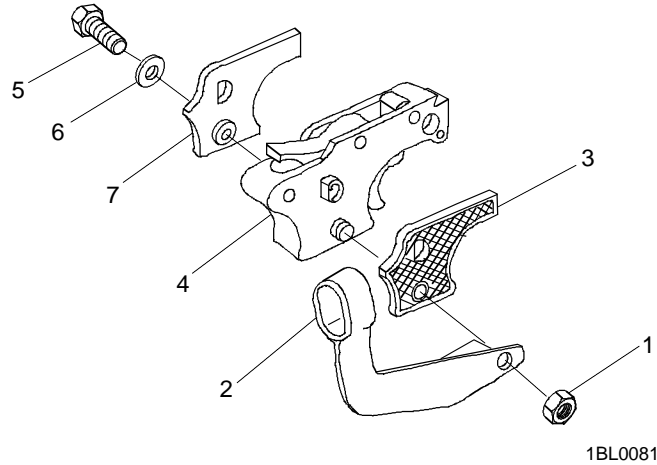
Trigger housing assembly removed from
 receiver (TM 9-1005-313-10).

DISASSEMBLY

NOTE

Charger cable guide and flat washer are only on the M240 and M240C models.

Unscrew self-locking nut (1), and remove charging cable guide (2) and right grip (3) from trigger housing (4). Remove hex head machine bolt (5), flat washer (6), and left hand grip (7) from trigger housing (4). Discard self-locking nut (1).

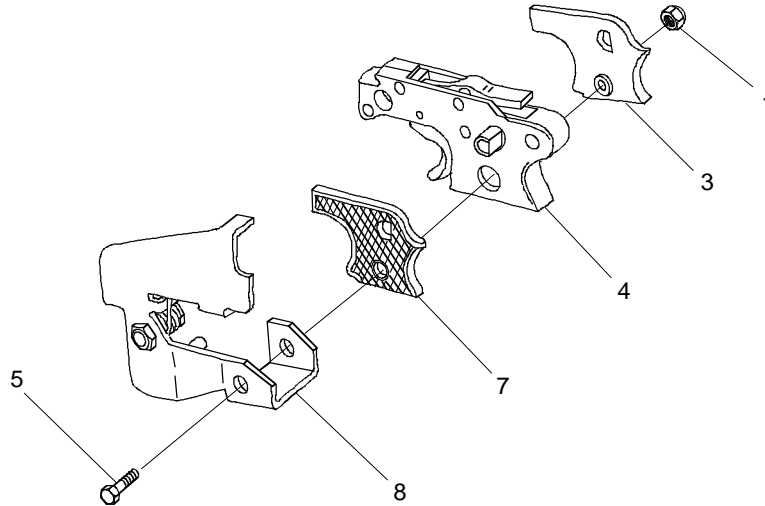


UNIT MAINTENANCE OF TRIGGER HOUSING ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230;
M240D/M240E1/M240H, NSN 1005-01-525-5050, PN 13008368

NOTE

The trigger actuating assembly is on the M240D, M240E1 and M240H models.

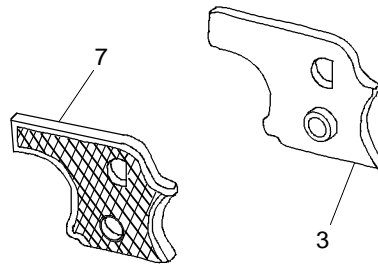
Unscrew self-locking nut (1), and remove right grip (3). Then remove hex head machine bolt (5), trigger actuating assembly (8), and left grip (7) from trigger housing (4). Discard self-locking nut (1).



1BL0082

CLEANING/INSPECTION/REPAIR

Remove dirt and corrosion on grips (3 and 7) with soap (item 14, WP 0074 00) and water and wipe dry with rag (item 11, WP 0074 00).



1BL0083

Clean all other parts with wiping rag (item 11, WP 0074 00) dampened with RBC (item 2, WP 0074 00) or CLP (item 1, WP 0074 00).

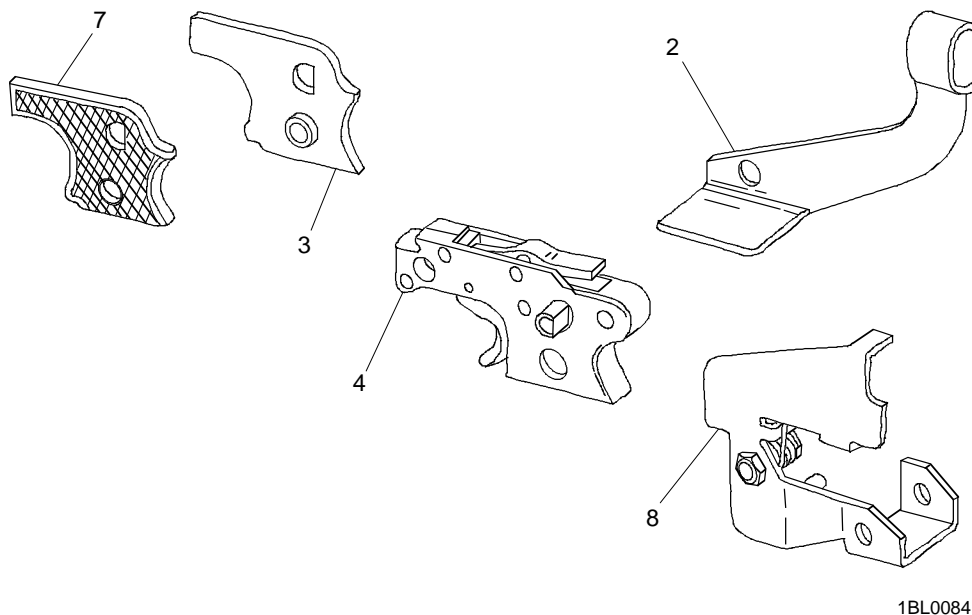
Inspect charger cable guide (2) for bends. Replace if bent. (M240/M240C only)

Inspect grips (3 and 7) for breaks and cracks. Replace if cracked or broken.

If trigger housing (4) is damaged, notify direct support maintenance (Marine Corps repair at unit maintenance.)

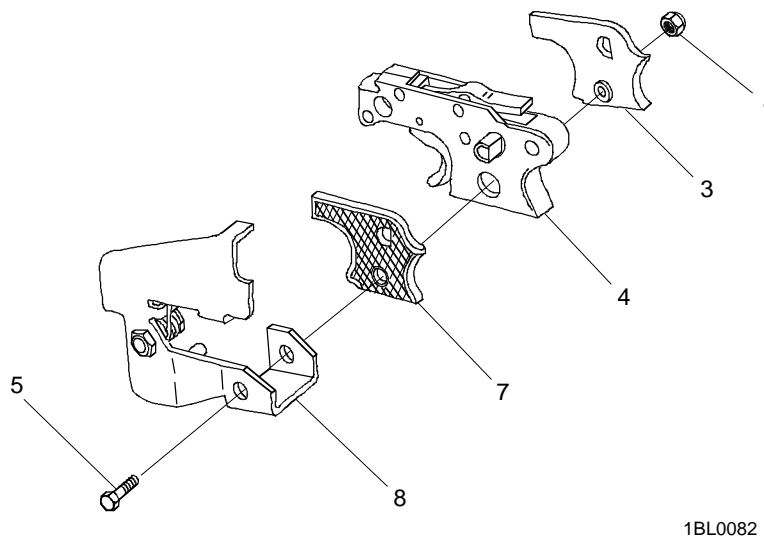
Repair or replace the trigger actuating assembly (8) if damaged (WP 0017 00) (M240D/M240E1/M240H only).

Lightly lubricate after cleaning.



REASSEMBLY

Install left grip (7) and trigger actuating assembly (8) on trigger housing (4). Install right grip (3), securing with hex head machine bolt (5) and new self-locking nut (1) (M240D/M240E1/M240H only).

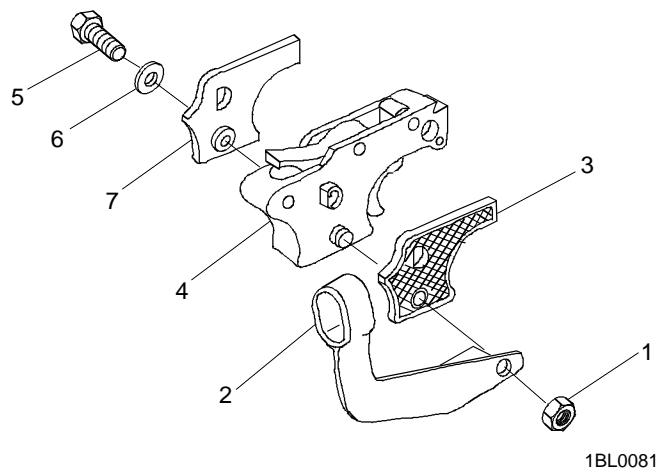


UNIT MAINTENANCE OF TRIGGER HOUSING ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230;
M240D/M240E1/M240H, NSN 1005-01-525-5050, PN 13008368

Install right grip (3) and charger guide (2) on right side of trigger housing (4). (M240/M240C only)

Install left grip (7), flat washer (6), and hex head machine bolt (5).

Secure with new self-locking nut (1).



END OF WORK PACKAGE

UNIT MAINTENANCE OF TRIGGER HOUSING ASSEMBLY **M240B/M240G/M240N, NSN 1005-01-408-6669, PN 12976869**

This task covers: a. Disassembly b. Cleaning/Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Solvent cleaning compound (RBC)
 (item 2, WP 0074 00)
 Weapons lubricating oil (as required)
 Wiping rag (item 11, WP 0074 00)

Materials/Parts

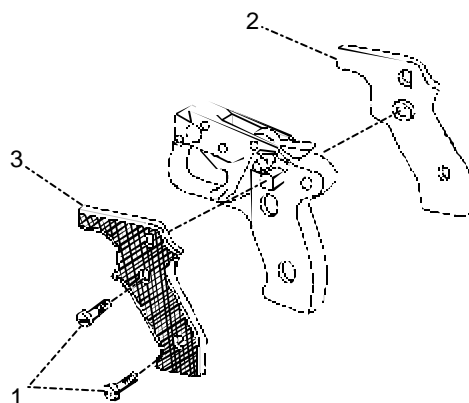
Bar laundry soap (item 14, WP 0074 00)
 Cleaner, lubricant and preservative (CLP)
 (item 1, WP 0074 00)

Equipment Condition

Trigger housing assembly removed from
 receiver (TM 9-1005-313-10).

DISASSEMBLY

Use a flat tipped screwdriver to remove the two grip screws (1) holding the right (2) and left (3) grips in place.

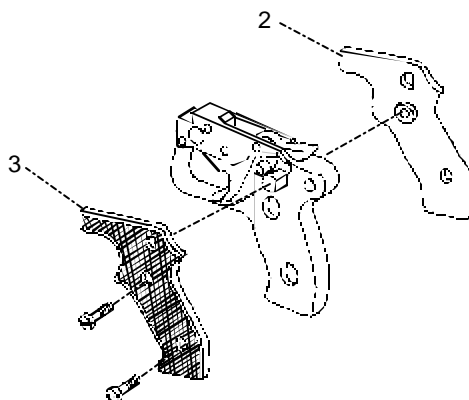


1BL0085

CLEANING/INSPECTION/REPAIR

Remove dirt and corrosion on grips (2 and 3) with soap (item 14, WP 0074 00) and water. Wipe dry with wiping rag (item 11, WP 0074 00).

Clean all other parts with a wiping rag (item 11, WP 0074 00) dampened in RBC (item 2, WP 0074 00) or CLP (item 1, WP 0074 00). Apply light coat of lubricant to all surfaces except grips.



1BL0086

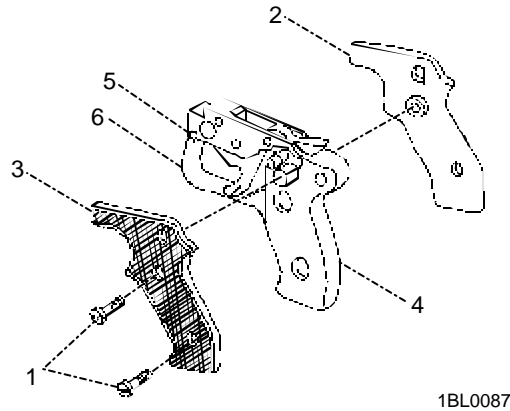
**UNIT MAINTENANCE OF TRIGGER HOUSING ASSEMBLY
M240B/M240G/M240N, NSN 1005-01-408-6669, PN 12976869 (cont)**

CLEANING/INSPECTION/REPAIR (cont)

Check trigger guard (6) and trigger guard pin (5) for cracks or bends. Replace if damaged or missing.

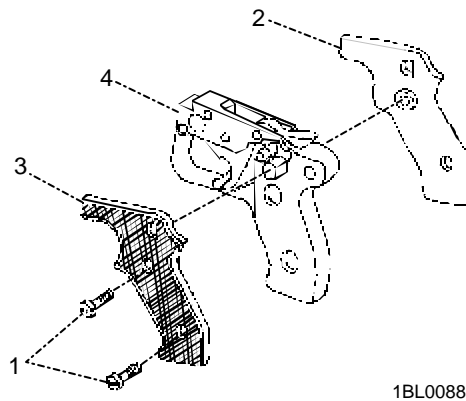
Check trigger housing (4) for cracks and elongated holes. If any cracks or elongated holes are present notify direct support maintenance (Marine Corps repair at unit maintenance).

Check grips (2 and 3) for cracks. If cracked replace the grip. Check for presence of two grip screws (1), replace if missing.

**REASSEMBLY**

Place right (2) and left (3) grips in the proper positions on the trigger housing (4).

Install grip screws (1) and tighten securely, being careful not to over-tighten the screws.



END OF WORK PACKAGE

**UNIT MAINTENANCE OF TRIGGER ACTUATING ASSEMBLY
M240D/M240E1/ M240H, NSN 1005-01-251-9696, PN 12597071**

This task covers: Disassembly/Repair/Reassembly

INITIAL SETUP**Tools and Special Tools**

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Nut, self-locking, PN MS21083C5

Equipment Condition

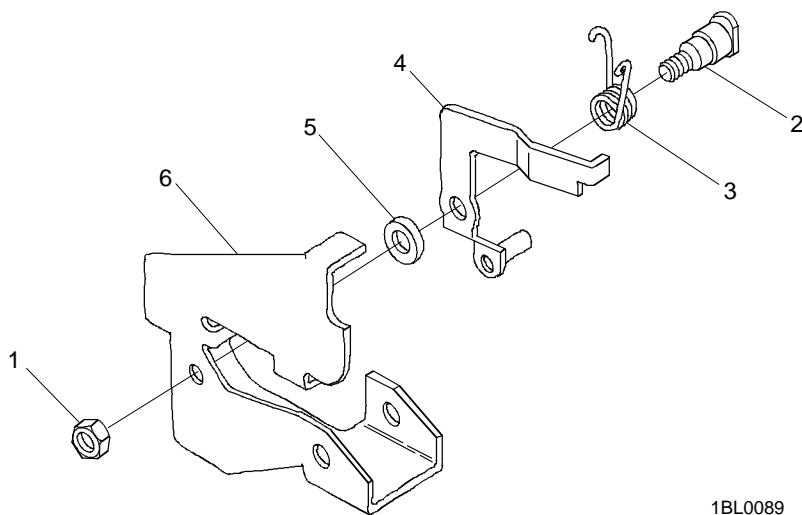
Trigger actuating assembly removed from
trigger housing assembly (WP 0015 00).

DISASSEMBLY/REPAIR/REASSEMBLY

Remove self-locking nut (1) and trigger actuating pivot (2) to release actuating link spring (3), link actuating assembly (4), and washer (5) from plate protecting body (6). Discard self-locking nut (1).

Replace damaged parts.

Install washer (5), link actuating assembly (4), actuating link spring (3) on plate protecting body (6) using actuating link pivot (2) and new self-locking nut (1).



1BL0089

END OF WORK PACKAGE

UNIT MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;

M240D, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044; M240G, NSN N/A, PN 12997566;
M240H, NSN N/A, PN 13008744; M240N, NSN N/A, PN 12976834

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts (cont)

Pin, spring, PN MS39086-91
Weapons lubricating oil (as required)
Washer, lock (6), PN MS35335-32

Materials/Parts

Cotter pin, PN MS24665-437
Cotter pin (3), PN 590479

Equipment Condition

Barrel assembly removed (TM 9-1005-313-10).

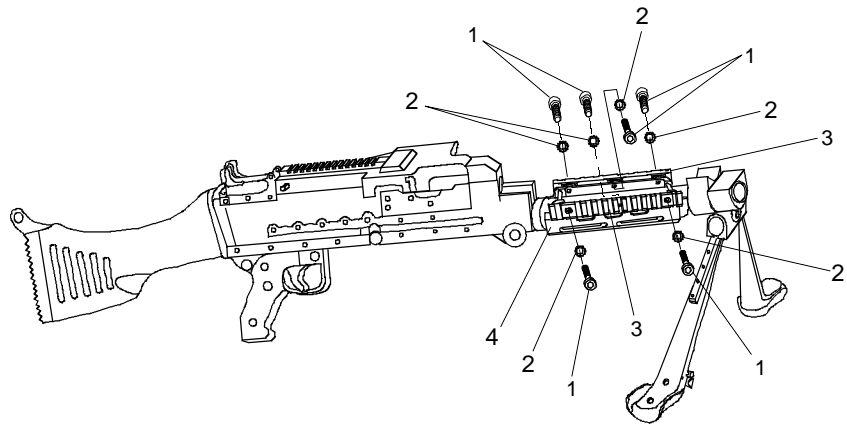
DISASSEMBLY

NOTE

Remove components only to replace (M240B/M240H).

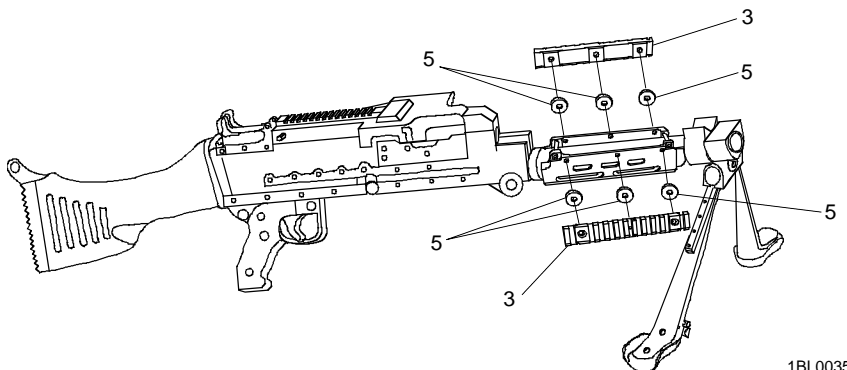
M240B shown for illustration purposes only.

Remove cap screws (1) and lock washers (2) from rails (3) and body (4). Discard lock washers (2).



1BL0334

Remove rails (3) and insulators (5).



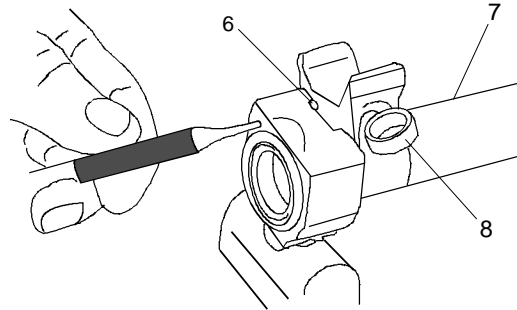
1BL0035

UNIT MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044; M240G, NSN N/A, PN 12997566;
M240H, NSN N/A, PN 13008744; M240N, NSN N/A, PN 12976834

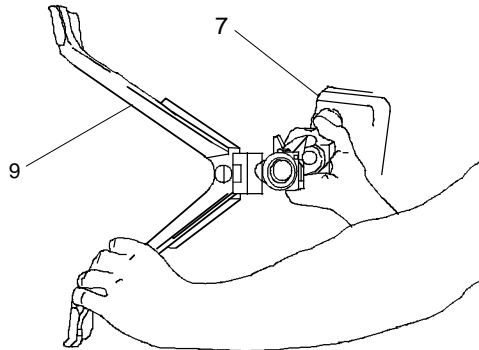
DISASSEMBLY (cont)

(M240B/M240G): Using a hammer and punch, drive the bipod retaining pin (6) out of the receiver (7). Remove front sling swivel (8) from the left side of receiver.



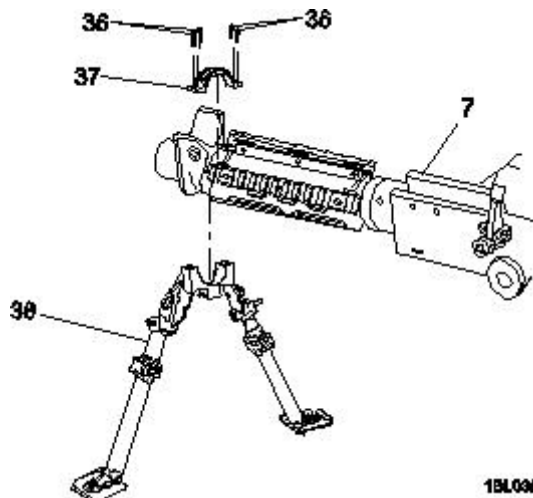
1BL0090

(M240B/M240G): Swivel the bipod (9) 90 degrees from the receiver (7). Remove the bipod from the receiver.



1BL0091

(M240H): Remove four screws (36), clamp (37) and bipod legs (38) from receiver (7).

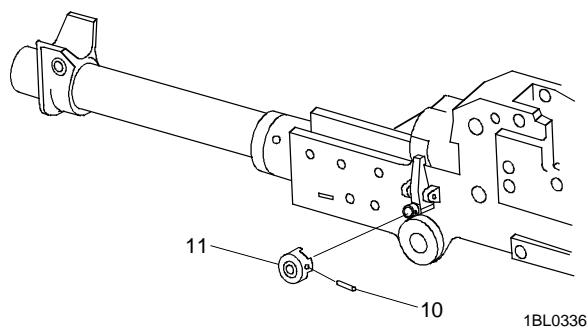


1BL0092

NOTE

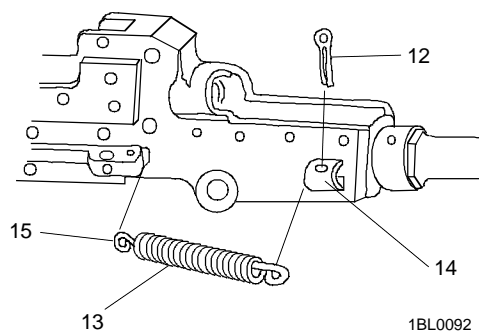
Remove spring pin (10) only when replacing button (11).

Drive out spring pin (10) and discard. Remove latch button (11).

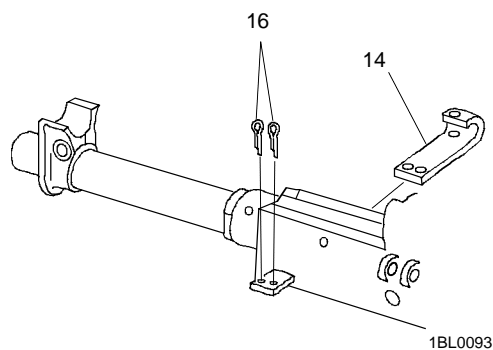


(M240/M240C/M240D/M240E1/M240H): Remove cotter pin (12) securing extension spring (13) to spring mounting plate (14). Discard cotter pin (12).

Spread coil at slide end (15) of extension spring (12) and rotate to remove.

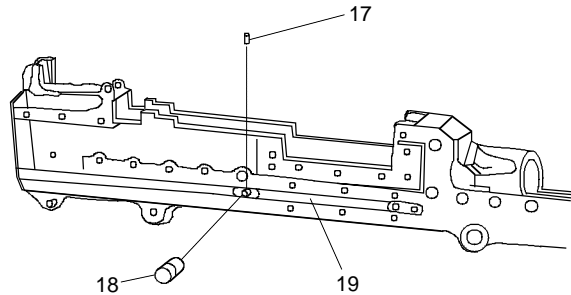


(M240/M240C/M240D/M240E1/M240H): Remove and discard two cotter pins (16). Slide out spring mounting plate (14).



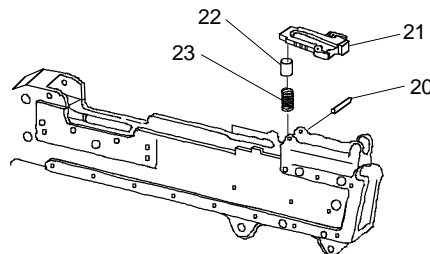
UNIT MAINTENANCE OF RECEIVER ASSEMBLY**M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;****M240D, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044; M240G, NSN N/A, PN 12997566;****M240H, NSN N/A, PN 13008744; M240N, NSN N/A, PN 12976834 (cont)**

(M240D/M240E1/M240H): Remove pin (17) securing manual control handle (18) to charger slide (19), and remove manual control handle (18). Discard pin (17).



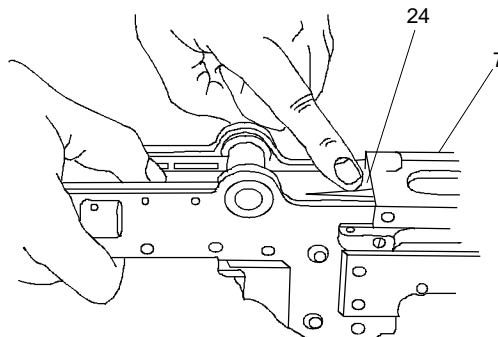
1BL0094

(M240B/M240D/M240E1/M240G/M240H/M240N): Drive out headless straight pin (20) and remove rear sight assembly (21), rear sight plunger (22), and helical compression spring (23).



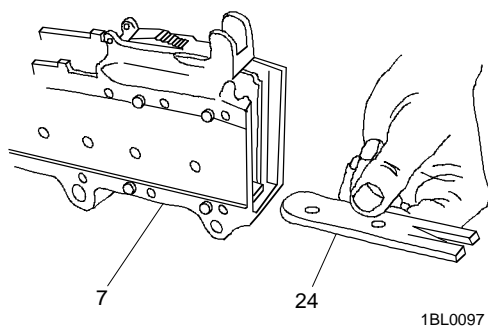
1BL0095

Turn receiver (7) upside down, depress rear tang of access cover (24) and slightly move it toward breech end.



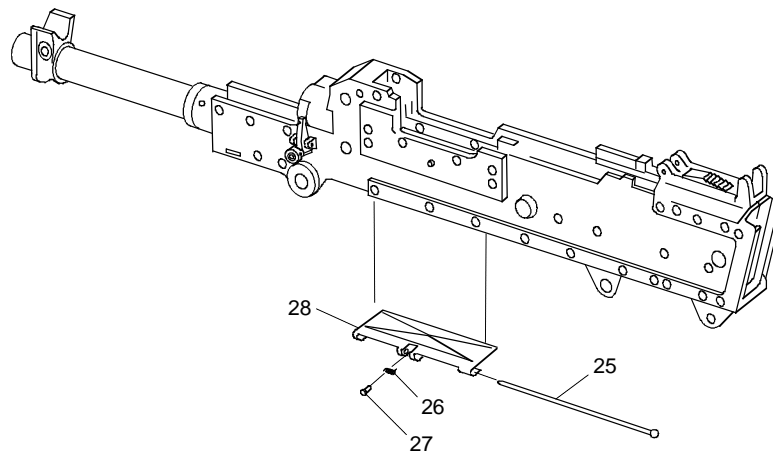
1BL0096

Turn receiver (7) over and slide access cover (24) out through breech end of receiver.



1BL0097

(M240B/M240N): Pull hinge pin (25) to rear and remove. Remove spring (26), detent (27) and ejection port cover (28).

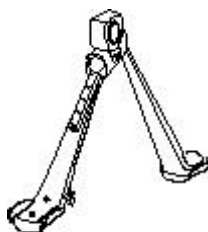


1BL0345

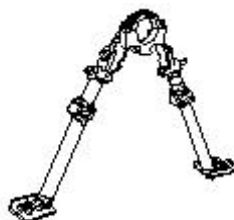
INSPECTION/REPAIR

(M240B/M240H/M240N): Check hinge pin (25) for bends, cracks or excessive wear. Check spring (26) for breaks or distortion. Check detent (26) for wear. Check ejection port cover (26) for cracks or distortion. Repair is by replacement if authorized parts.

(M240B/M240G/M240H): Inspect bipod assembly (9) for cracks and bends. Ensure legs move freely on bipod socket swivel.



M240B/M240G



M240H

1BL0444

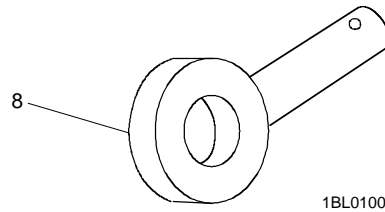
UNIT MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;

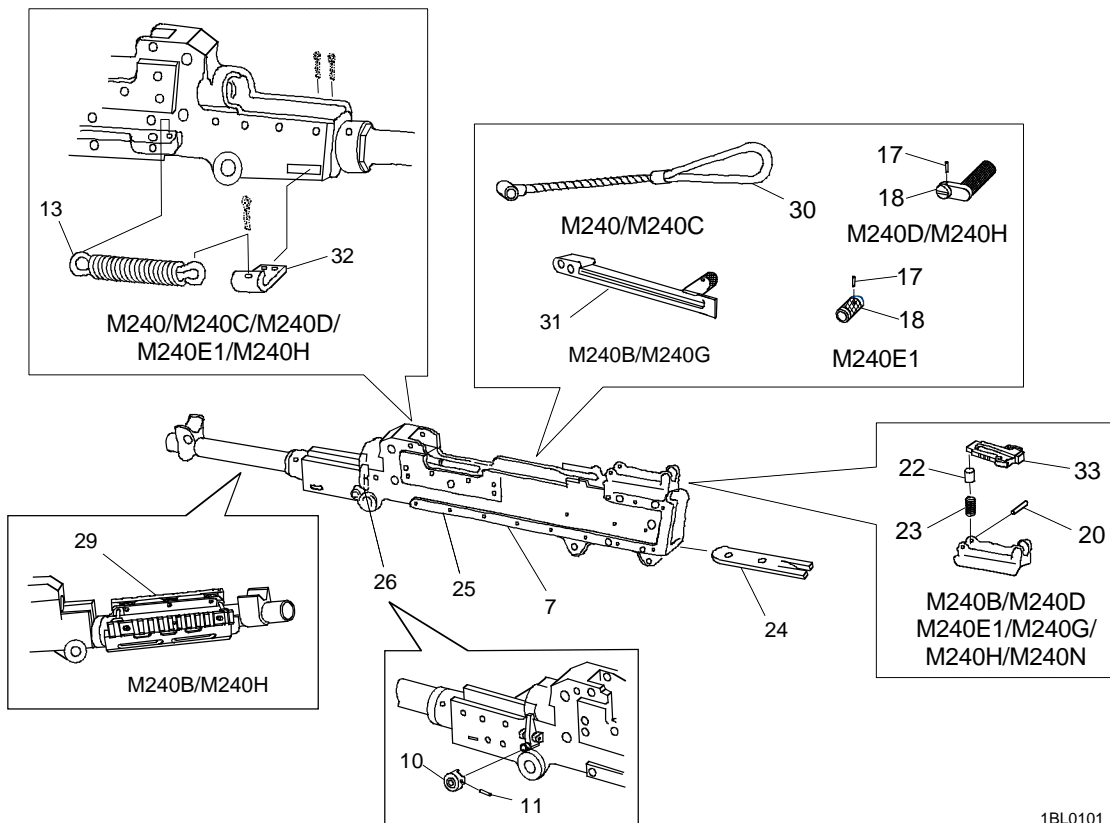
M240D, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044; M240G, NSN N/A, PN 12997566;

M240H, NSN N/A, PN 13008744; M240N, NSN N/A, PN 12976834 (cont)

(M240B/M240D/M240G/M240H/M240N): Inspect sling swivel for cracks or wear. Replace if damaged.



Visually check receiver (7) for damage. Ensure ejection port cover (25) operates properly (M240B). If receiver (7) is damaged, or ejection port cover (25) does not operate properly (M240B), notify direct support maintenance.



Check access cover (24) for breaks or bends. Replace if bent or broken.

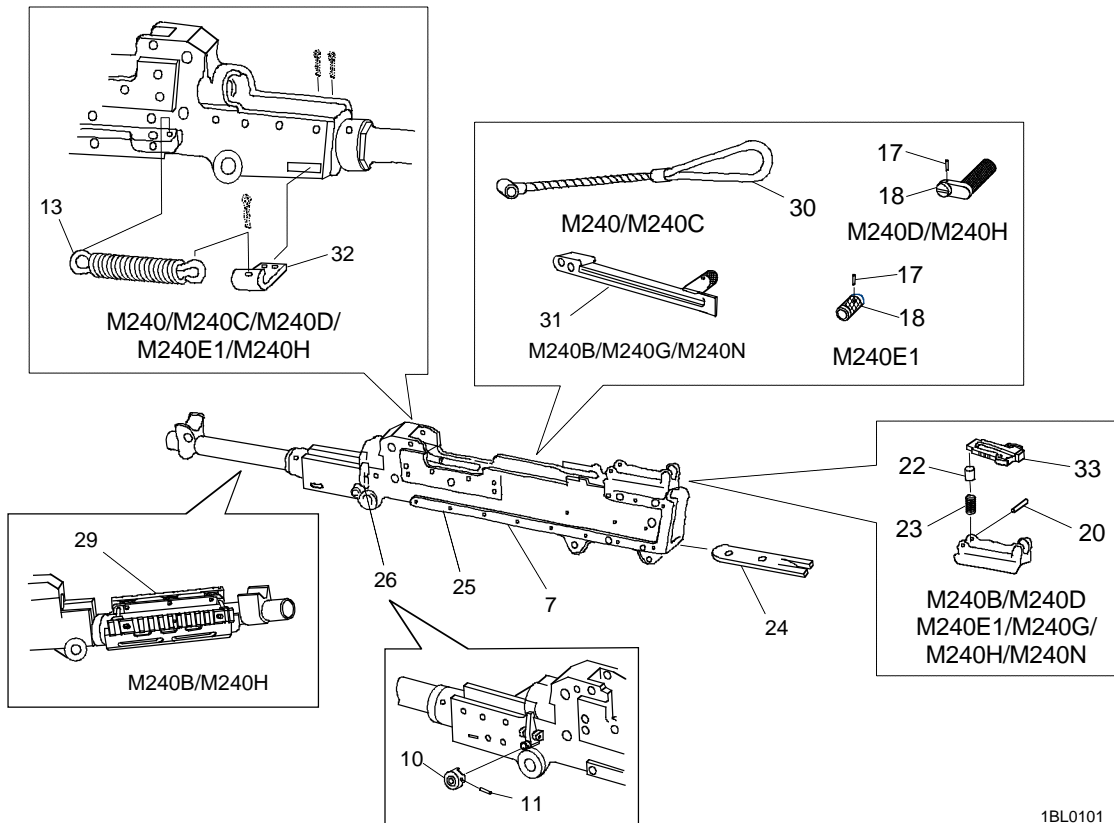
Check for retention of latch assembly (26) to receiver. If latch assembly (26) is missing or fails to function evacuate to direct support. Replace cap (10) and spring pin (11) if missing/broken to point of allowing contact to metal or cracked sufficiently to cause cuts/catch on clothing.

(M240B/M240H): Inspect forward rail assembly (29) for loose, missing, or damaged parts. Replace screws, washers or insulators if missing or damaged. Tighten cap screws no more than 1/2 turn passed finger tight. Replace rails if damaged to extent that they prevent accessory mounting.

(M240/M240C/M240D/M240E1/M240H): Check extension spring (13) for distortion and breaks. Replace if distorted or broken. Check spring mounting plate (32) for distortions and cracks. Replace if distorted or cracked.

(M240/M240C): Check charger cable (30) for broken wire strands or missing rubber handle. Replace if wire strands are broken or rubber handle is missing. If rubber handle is torn or cracked replace assembly.

(M240D/M240E1/M240H): Inspect manual control handle (18) and pin (17) for damage. Replace if damaged.



1BL0101

(M240B/M240G/M240N): Inspect manual control handle assembly (31) for damage. Replace if damaged.

(M240B/M240D/M240E1/M240G/M240H/M240N): Inspect headless straight pin (20), rear sight plunger (22), and helical compression spring (23) for damage. Replace if damaged. Inspect rear sight assembly (33) (WP 0019 00).

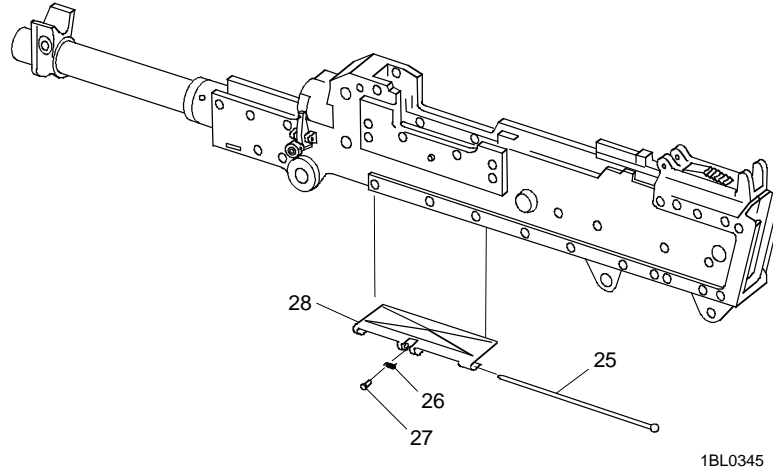
Lightly lubricate all metal parts before reassembly.

UNIT MAINTENANCE OF RECEIVER ASSEMBLY

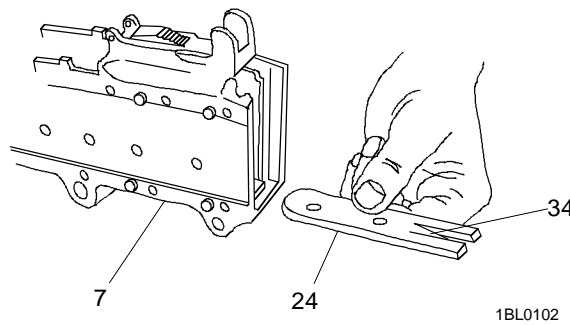
M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044; M240G, NSN N/A, PN 12997566;
M240H, NSN N/A, PN 13008744; M240N, NSN N/A, PN 12976834 (cont)

REASSEMBLY

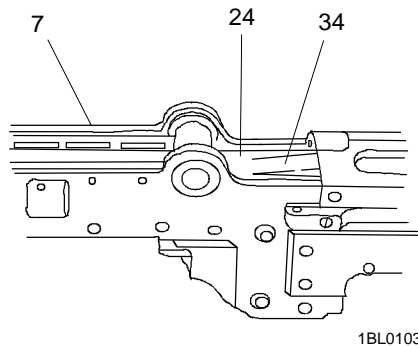
Install detent (27), spring (26), ejection port cover (28) and hinge pin (25).



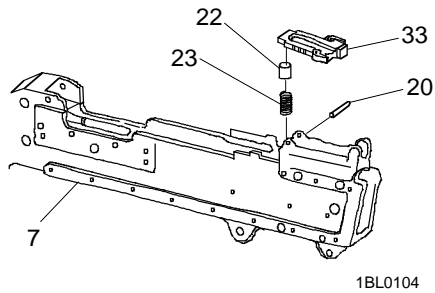
With receiver (7) right side up, install access cover (24). Place solid end in first with bent end of tang (34) pointed downward. Slide cover (24) forward until tang (34) clicks into locked position in receiver (7).



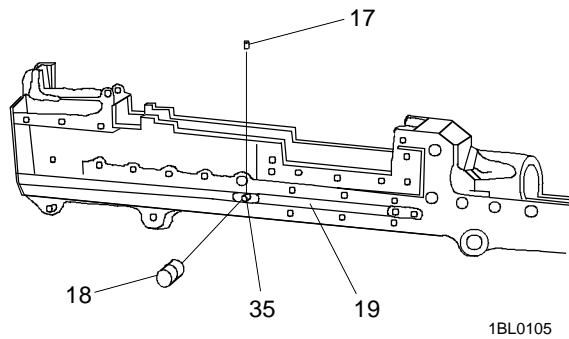
Turn receiver (7) over and make sure access cover (24) and tang (34) are in correct position.



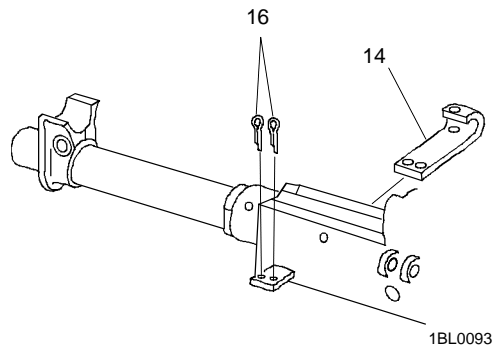
(M240B/M240D/M240E1/M240G/M240H/M240N): Turn receiver (7) over and install compression spring (23), rear sight plunger (22), and rear sight assembly (33). Align holes in rear sight assembly (33) with holes in receiver (7) and install headless straight pin (20).



(M240D/M240E1/M240H): Install manual control handle (18) to post (35) of charger slide (19), and install new pin (17).



(M240/M240C/M240D/M240E1/M240H): Install spring mounting plate (14) from right side with curved end up. Install new cotter pins (16) with heads up. Spread legs of cotter pins (16) to secure.



UNIT MAINTENANCE OF RECEIVER ASSEMBLY

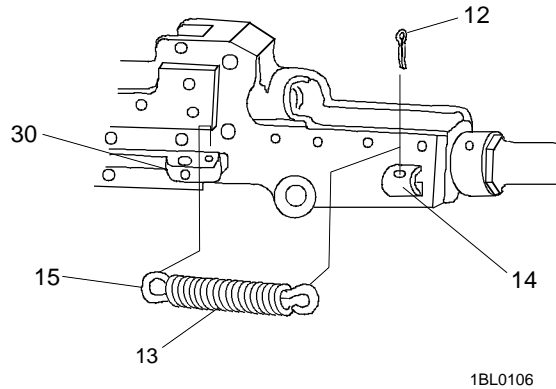
M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;

M240D, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044; M240G, NSN N/A, PN 12997566;

M240H, NSN N/A, PN 13008744; M240N, NSN N/A, PN 12976834 (cont)

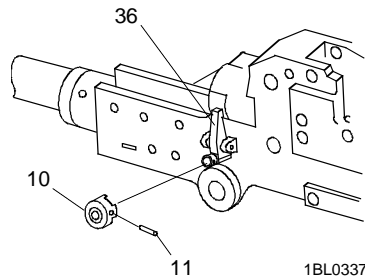
REASSEMBLY (cont)

(M240/M240C/M240D/M240E1/M240H): Spread rear end (15) of extension spring (13) and hook to charger slide (30). Rotate extension spring (15) and secure new cotter pin (12) in spring mounting plate (14). Spread end of cotter pin (12) to secure.

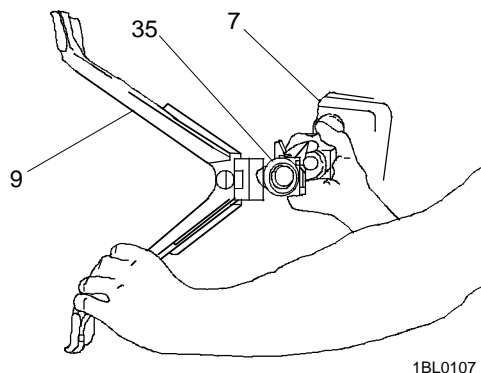
**NOTE**

Perform next step only if cap (10) and spring pin (11) were removed.

Install latch cap (10) onto barrel latch (36). Drive new spring pin (11) through cap (10) to retain to latch.

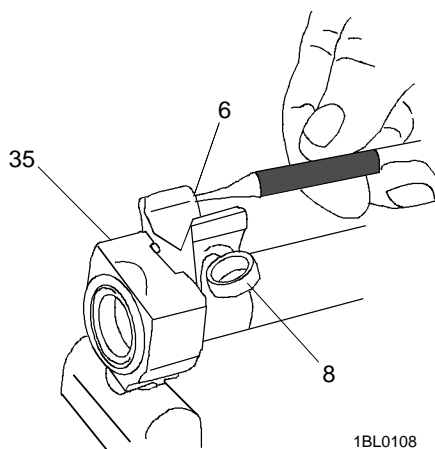


(M240B/M240G): Reattach the bipod leg assembly (9) to the receiver (7) by aligning the gaps in the bipod head (35) with the flanges on the receiver (7). Swivel the bipod assembly (9) so it is in the upright position.



(M240H): Align bipod legs (38) to receiver (7), align clamp (37) to bipod legs and install four screws (36).

(M240B/M240G): Insert front sling swivel (8) into position from the left side of receiver. Use a punch and hammer to install the bipod retaining pin (6) into the cut-out in the bipod head (35) (pin will protrude). Ensure bipod retaining pin (6) is loose enough to prevent binding of the bipod head (35). Ensure proper operation of bipod latch.



UNIT MAINTENANCE OF RECEIVER ASSEMBLY

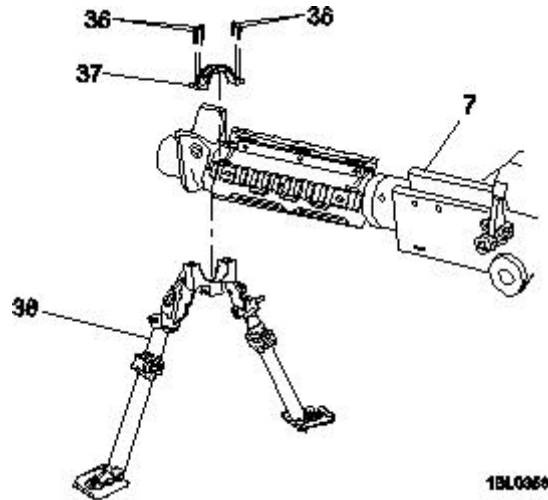
M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;

M240D, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044; M240G, NSN N/A, PN 12997566;

M240H, NSN N/A, PN 13008744; M240N, NSN N/A, PN 12976834 (cont)

REASSEMBLY (cont)

(M240H): Place bipod legs (38) on bottom of receiver (7); align clamp (37) to bipod legs and secure with four screws (36).

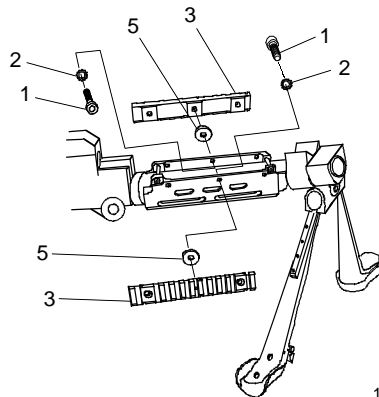


1BL0366

NOTE

M240B shown for illustration purposes only.

(M240B/M240H): Place new lock washer (2) on cap screw (1), insert screw/washer group through center mounting hole from the inside of body (both sides).

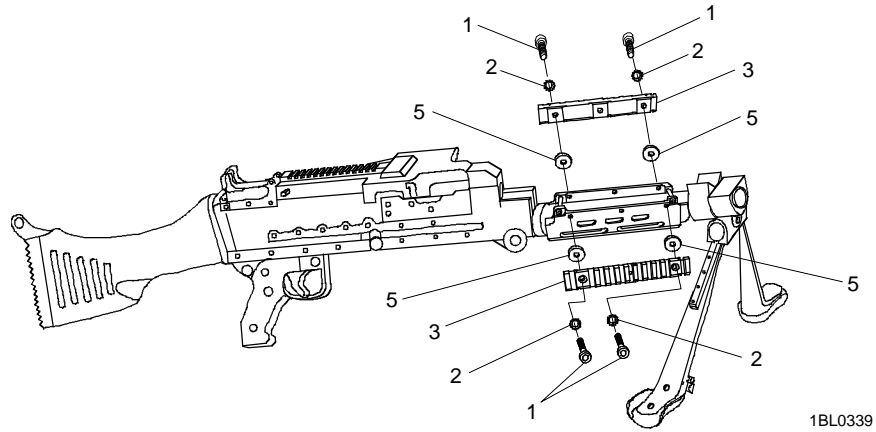


1BL0338

NOTE

Partial groove portion of rail (larger numbers) go toward muzzle end of receiver.

Insert screw/washer group through mounting holes (each end) from the outside of body (both sides). Align insulator (5) between body and rail (3), then finger tighten screw to body.



Tighten all six screws no more the 1/2 turn past finger tight.

END OF WORK PACKAGE

UNIT MAINTENANCE OF BIPOD ASSEMBLY
M240B/M240G, NSN 1005-01-408-5905, PN 12976883

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP**Tools and Special Tools**

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-00607A (Marine Corps only)

Materials/Parts

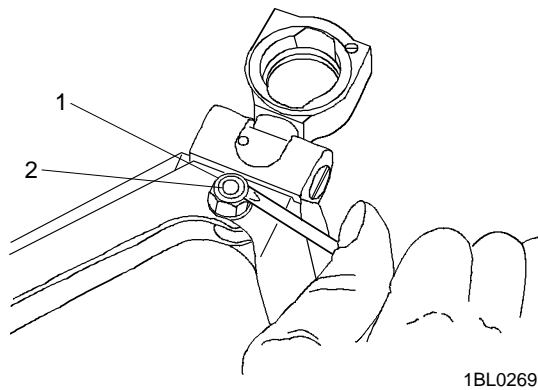
Spring pin, PN 12976904
Ring, Axis pin, PN 12986907

Equipment Condition

Bipod assembly removed from receiver
(WP 0035 00).

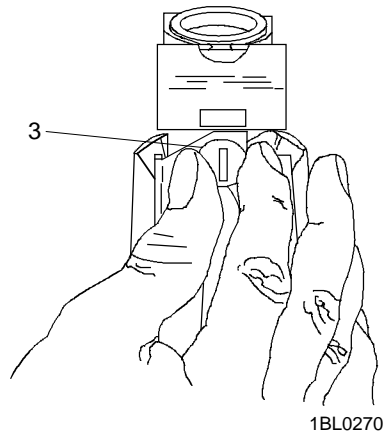
DISASSEMBLY

Using as screwdriver or other pointed tool, lift/remove the locking ring (1) from the bipod leg pin nut (2).
Discard locking ring (1).

**WARNING**

Bipod spring is under tension. Cover with free hand while removing/separating bipod legs.

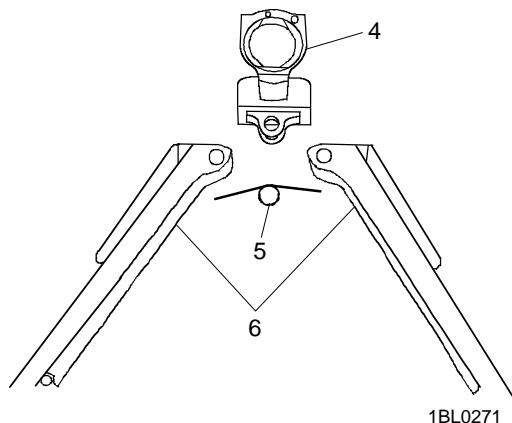
Unscrew the bipod leg pin (3), and remove the washer and nut.



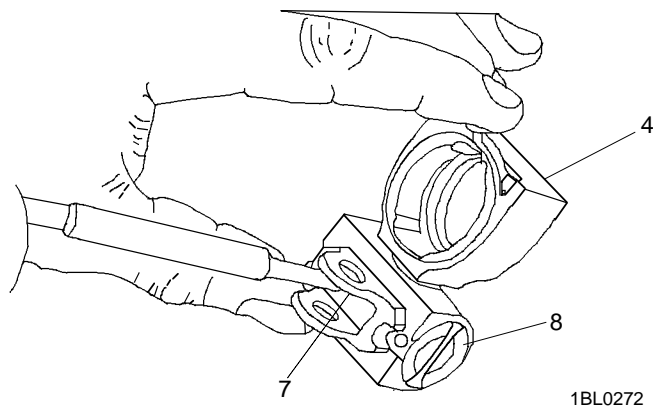
UNIT MAINTENANCE OF BIPOD ASSEMBLY
M240B/M240G, NSN 1005-01-408-5905, PN 12976883 (cont)

DISASSEMBLY (cont)

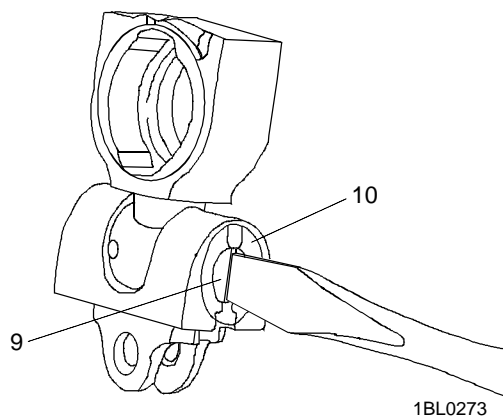
Separate the bipod leg spring (5) and bipod legs (6) from the tripod head (4).



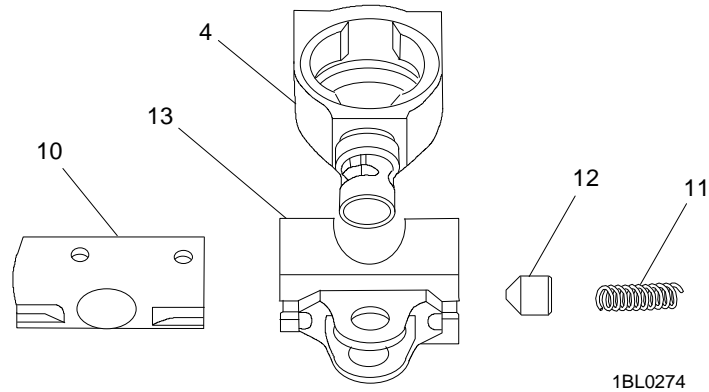
Rotate the bipod head (4) 90 degrees, so the split pin (7) inside the hollow cylinder (8) is exposed. Use a punch to remove the split pin from the hollow cylinder and discard pin (7).



Using a screwdriver, push in and turn the bipod head plug (9) 1/4 turn until the tangs are aligned with the grooves on the hollow cylinder (10). The plunger and spring will push the plug out of the head.



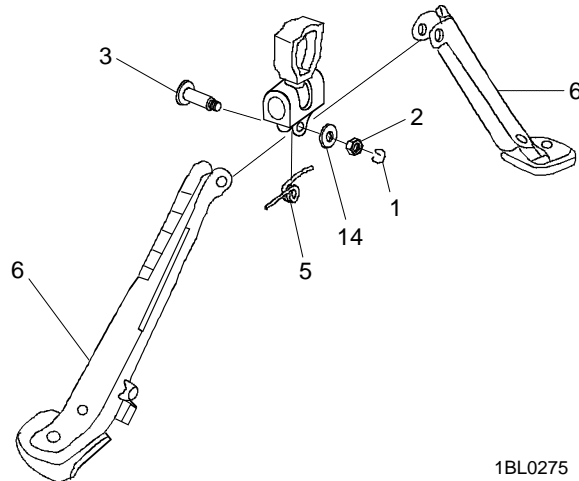
Remove the retaining plunger (12) and plunger spring (11). Separate the bipod head (4) and remove the hollow cylinder (10) from the hinging head (13).



INSPECTION /REPAIR

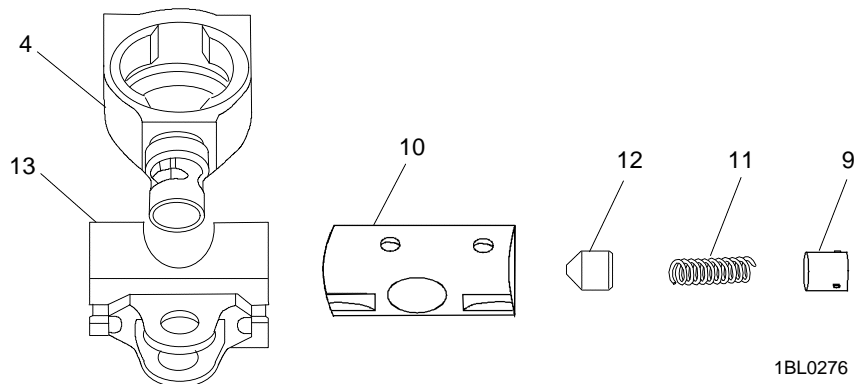
Inspect bipod legs (6), bipod leg spring (5) and bipod leg pin (3) for distortion, cracks, or excessive wear. Replace if distorted, cracked, or excessively worn.

Inspect washer (14), and nut (2) for rust and damage. Replace unserviceable components.



Inspect bipod head (4), hinging head (13), and hollow cylinder (10) for burrs, cracks, or distortion. Replace if distorted, cracked, or if hinging head (13) does not rotate freely on the bipod head (4).

Inspect retaining plunger (12), plunger spring (11), and bipod head plug (9) for burrs, cracks, or distortion. Replace unserviceable components.



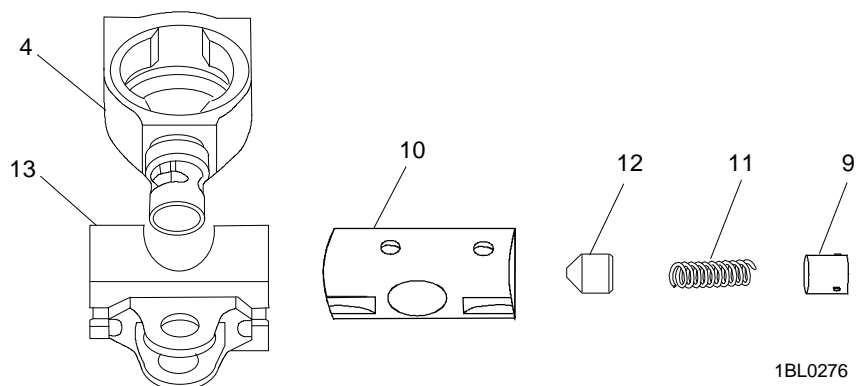
UNIT MAINTENANCE OF BIPOD ASSEMBLY
M240B/M240G, NSN 1005-01-408-5905, PN 12976883 (cont)

REASSEMBLY

Hold the hinging head (13) as shown with the screw bracket down and opening toward you.

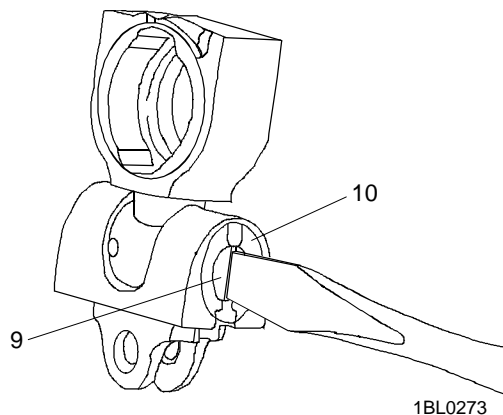
Insert the hollow cylinder (10) with the closed end first from the right with the slots vertical.

Push bipod head (4) into hollow cylinder (10), with plunger detent to the right. Insert retaining plunger (12), pointed end first, and retaining spring (11) into open end of hollow cylinder (10).

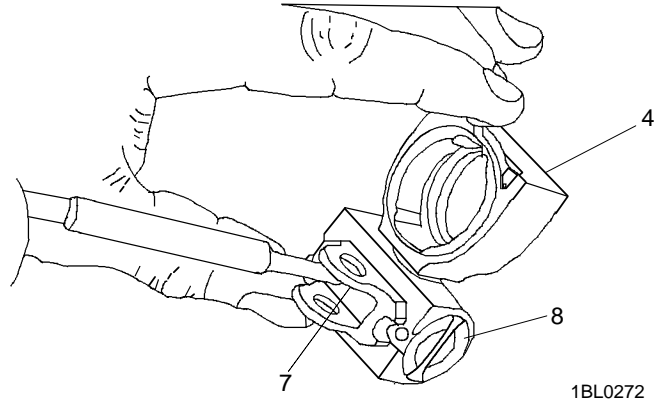


Insert bipod head plug (9) into the hollow cylinder (10) with tangs aligned.

Using a screwdriver, push in on bipod head plug (9) and make a 1/4 turn in either direction until it locks in place. The bipod head plug (9) will be flush with the hollow cylinder (10).



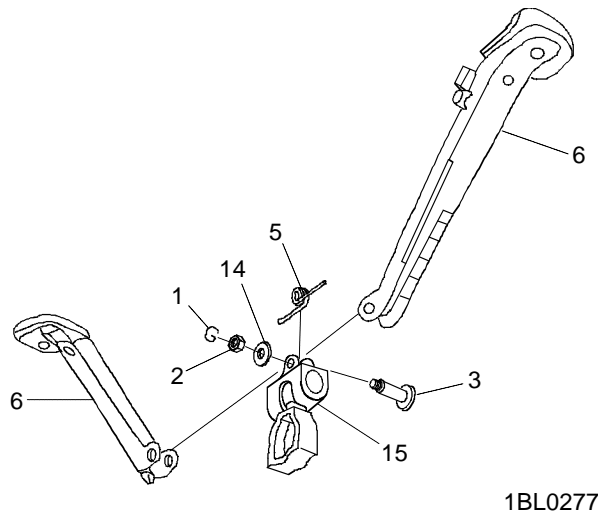
Rotate bipod head (4) until the hole for the split pin (7) is aligned. Tap the new split pin (7) into cylinder (8).



NOTE

Legs must be reattached so the bipod leg catches are on the same side of the hinge head as the bipod head slot, or the bipod will not pivot toward the rear of the machine gun.

Assemble the bipod upside down. Using protective jaws, clamp the hinge head (15) upside down in vise. Align the hinge holes of the bipod legs (6) with the hinge head (15).



Press the bipod leg spring (5) into the "V", formed by the bipod legs, and insert the bipod leg pin (3) from the solid side of the hinge head (15).

Mount washer (14) and hand-tighten nut (2) onto bipod leg pin (3), ensuring that the hole in the bipod leg pin (3) is aligned with groove in nut (2).

Install new locking ring (1) through the hole in the bipod leg pin (3) and through a groove in the nut (2).

END OF WORK PACKAGE

UNIT MAINTENANCE OF BIPOD ASSEMBLY, NSN 1005-01-522-0759, PN 13001481

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools:

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-00607A (Marine Corps only)

Materials/Parts:

Solvent, (item 4, WP 0074 00)
Spring pin (2), PN NAS1407-9L5

Equipment Condition

Barrel assembly removed from receiver.

Materials/Parts:

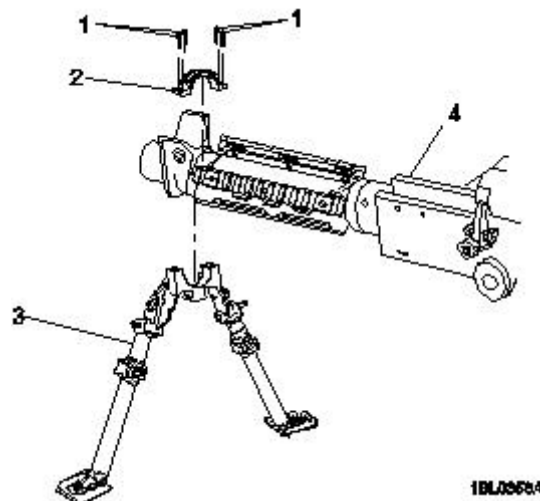
Loctite, (item 13, WP 0074 00)

DISASSEMBLY

NOTE

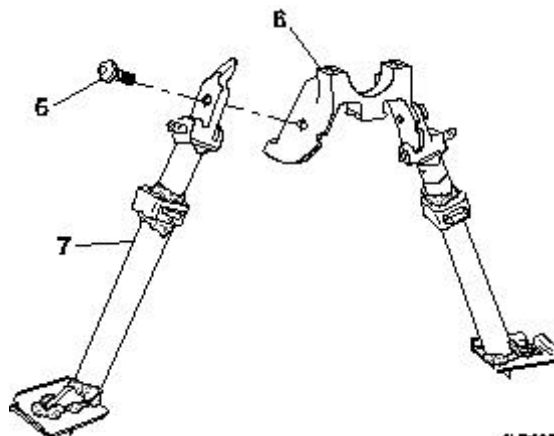
Disassembly of right and left leg is the same. Only removal of the right leg is shown for clarity.

Remove four screws (1), clamp (2) and bipod legs (3) from the receiver (4).



1BL056A

Using an allen wrench, remove screw (5) from yoke (6); separate right leg assembly (7) from yoke (6).



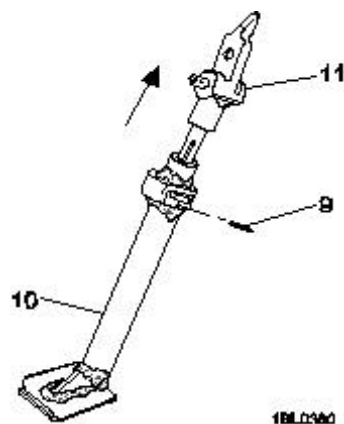
1LB0369

**UNIT MAINTENANCE OF
BIPOD ASSEMBLY, NSN 1005-01-522-0759, PN 13001481 (cont)**

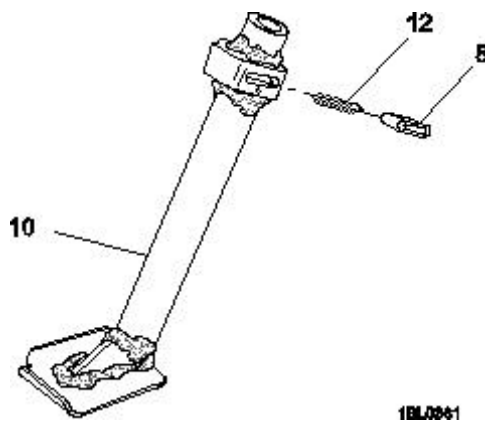
DISASSEMBLY (cont)**WARNING**

Latch (8) is under spring tension, use care when removing/installing.

Using an allen wrench, remove setscrew (9) from lower leg assembly (10); slide the lower leg assembly (10) from upper leg assembly (11). Clean setscrew (9) with solvent.



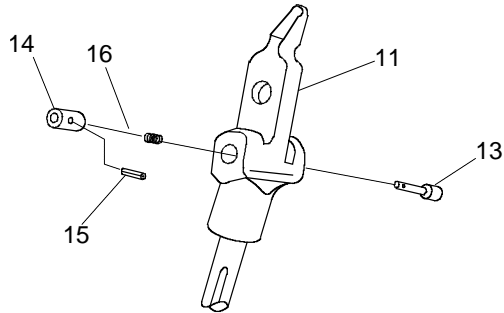
Separate latch (8) and spring (12) from lower leg assembly (10).



WARNING

Detent (13) and detent cap (14) are under spring tension, use care when removing/installing.

Using a punch, remove spring pin (15). Discard spring pin (15). Remove detent (3), detent cap (14) and spring (16) from upper leg assembly (11).

**INSPECTION/REPAIR**

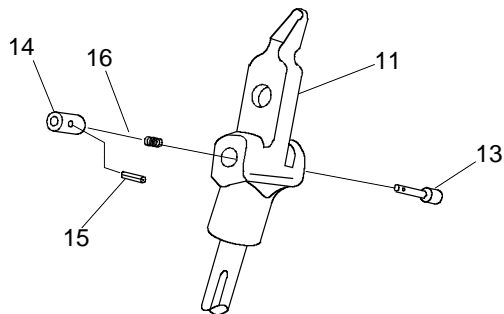
Inspect all components for cracks, distortion and excessive wear.

Inspect springs for bends or breaks.

Repair is by replacement of authorized parts.

REASSEMBLY

Insert detent (13) from the inner side of the upper leg assembly (11). From the opposite side, place spring (16) on the detent shaft. Place the detent cap (14) on the shaft; push inward and align hole in shaft with hole in cap and insert new spring pin (15) to secure.

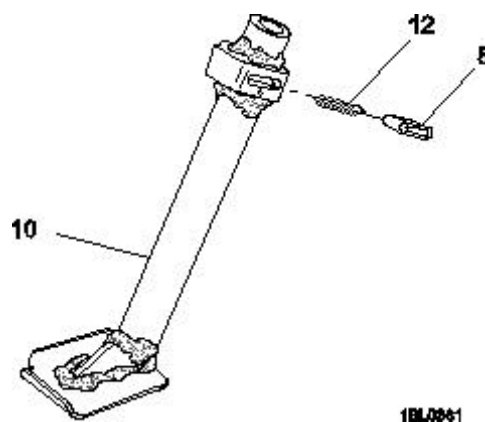


**UNIT MAINTENANCE OF
BIPOD ASSEMBLY, NSN 1005-01-522-0759, PN 13001481 (cont)**

REASSEMBLY (cont)**WARNING**

Latch (8) is under spring tension, use care when removing/installing.

Place spring (12) in latch (8); and install on lower leg assembly (10).

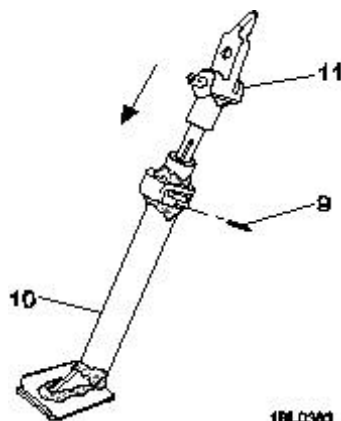


While depressing the latch, slide the lower leg assembly (10) onto upper leg assembly (11).

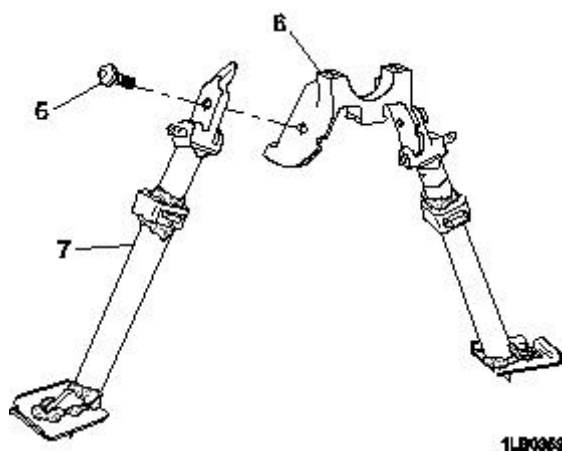
NOTE

Do not over tighten setscrew, hand-tighten only.

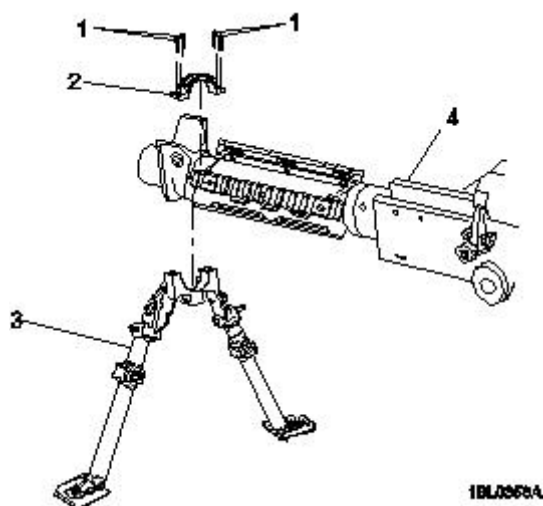
Align the setscrew hole over the slot in the upper leg assembly; apply loctite to setscrew (9) and install setscrew (9).



Align leg assembly (3) to yoke (2) and install screw (1).



Align bipod legs (3) to the receiver (4); align clamp (2) to bipod legs (3) and install four screws (1).



END OF WORK PACKAGE

**UNIT MAINTENANCE FOR REAR SIGHT ASSEMBLY
M240B/M240D/M240E1/M240G/M240H/M240N, NSN N/A, PN 12597046**

This task covers: a. Disassembly b. Repair c. Reassembly

INITIAL SETUP**Tools and Special Tools**

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Sealing compound (item 13, WP 0074 00)

Equipment Condition

Rear sight removed from receiver
(WP 0018 00).

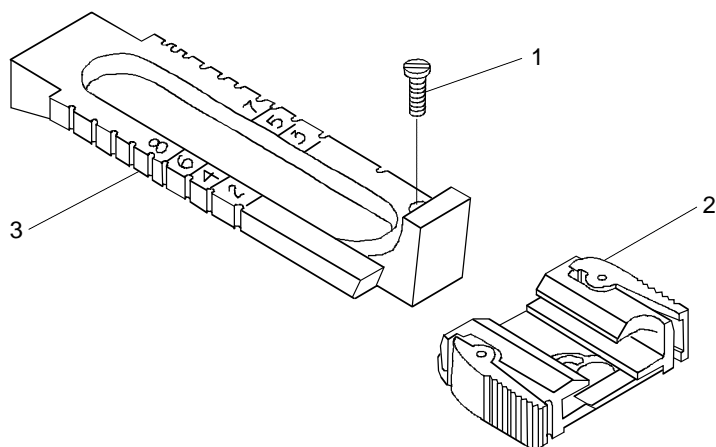
DISASSEMBLY/REPAIR/REASSEMBLY

Remove stop screw (1) and slide assembly (2) from rear sight leaf (3).

Repair by replacing unserviceable components.

Install slide assembly (2) on rear sight leaf (3) using stop screw (1).

Apply thread locking sealing compound (item 13, WP 0074 00) to stop screw (1) in accordance with MIL-S-46163.



1BL0109

END OF WORK PACKAGE

UNIT MAINTENANCE OF SLIDE ASSEMBLY**M240B/M240D/M240E1/M240G/M240H/M240N, NSN 1005-01-251-9690, PN 12597048**

This task covers: a. Disassembly/Inspection/Repair b. Reassembly

INITIAL SETUP**Tools and Special Tools:**

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts:

Pin, P/N 12597052

Equipment Condition

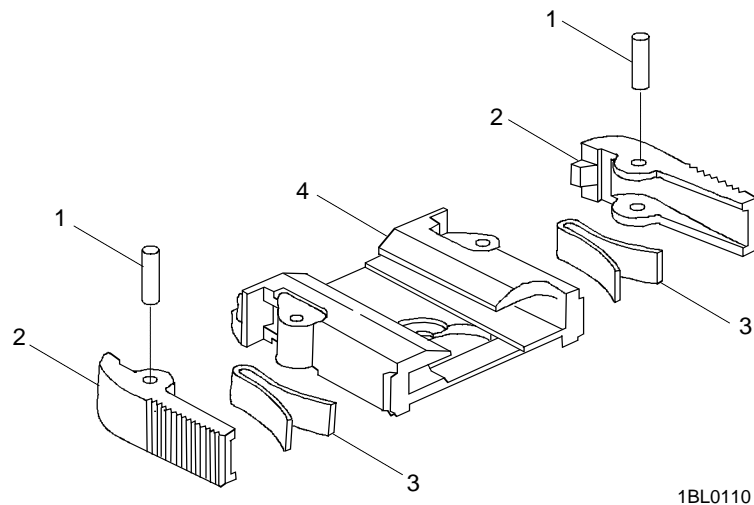
Slide assembly removed from rear sight
(WP 0019 00).

DISASSEMBLY/INSPECTION/REPAIR

Drive out two headless straight pins (1) and remove two rear sight catches (2) and two rear sight catch springs (3) from rear sight slide (4). Discard straight pins (1).

Visually inspect all components for damage.

Repair by replacing unserviceable components.

**REASSEMBLY**

Install two rear sight catch springs (3) and two rear sight catches (2) in rear sight slide (4) securing with two new headless straight pins (1).

Place the complete slide assembly on a rigid surface. Using a 1/8 inch punch, slightly peen the top of the headless straight pin (1) until it will not slide through the pin hole in the rear sight catch (2). Peen the opposite end of headless straight pin (1). Headless straight pin (1) must protrude through both sides of the rear sight catch (2).

END OF WORK PACKAGE

CHAPTER 4
DIRECT SUPPORT
TROUBLESHOOTING PROCEDURES

DIRECT SUPPORT MAINTENANCE INSTRUCTIONS

This chapter contains information and instructions for the repairman to help keep the machine gun in good repair. This chapter consists of repair parts, special tools, and support equipment, troubleshooting, and maintenance procedures.

COMMON TOOLS AND EQUIPMENT. For authorized common tools and equipment refer to the Modified Table of Organization and Equipment (MTOE) applicable to your unit.

SPECIAL TOOLS, TMDE, AND SUPPORT EQUIPMENT. Special tools are listed in WP 0042 00 of this manual. Tools and test equipment are listed in WP 0042 00 of this manual. There is no TMDE for the item.

REPAIR PARTS. Repair parts are listed and illustrated in the repair parts and special tools list (WP 0044 00 through WP 0071 00) covering unit and direct support maintenance for this equipment.

**DIRECT SUPPORT TROUBLESHOOTING PROCEDURES
M240 SERIES MACHINE GUN**

Table 1. TROUBLESHOOTING PROCEDURES

SYMPTOM

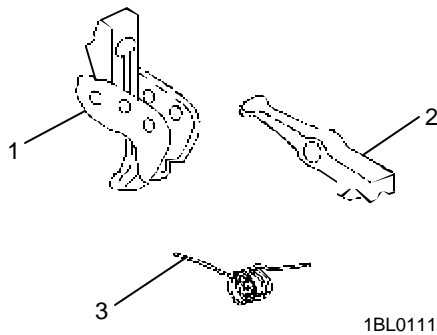
Failure to cock or runaway gun.

MALFUNCTION

Defective or broken parts in trigger (1), sear (2), or sear spring (3).

CORRECTIVE ACTION

Replace trigger, sear, or sear spring (WP 0031 00 or WP 0032 00).



SYMPTOM

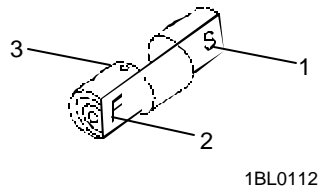
Safety does not function.

MALFUNCTION

Safety (3) fails to hold positively in either the "S" (1) or "F" (2) position.

CORRECTIVE ACTION

Replace (WP 0031 00 or WP 0032 00).



**DIRECT SUPPORT TROUBLESHOOTING PROCEDURES
M240 SERIES MACHINE GUN (cont)**

Table 1. TROUBLESHOOTING PROCEDURES (cont)**SYMPTOM**

Gun ruptures cartridge cases.

MALFUNCTION

Check headspace (WP 0038 00).

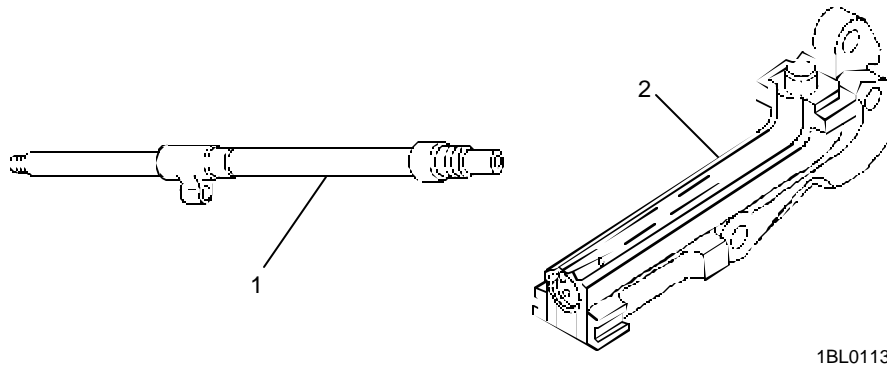
CORRECTIVE ACTION

Replace barrel (1) (WP 0024 00), bolt assembly (2) (WP 0030 00), or both. If weapon fails headspace test (WP 0038 00) after parts are replaced, the weapon is unserviceable.

NOTE

Both barrels and bolt assembly must accompany receiver when weapon is turned in.

Both barrels must pass headspace test.



END OF WORK PACKAGE

CHAPTER 5
DIRECT SUPPORT
MAINTENANCE PROCEDURES

DIRECT SUPPORT MAINTENANCE OF M240 SERIES MACHINE GUN

M240, NSN 1005-01-025-8095, PN 11826290; M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175; M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033; M240G, NSN 1005-01-359-2714, PN 12999566; M240H, NSN 1005-01-518-2410, P/N 13005478; M240N, NSN 1005-01-493-1666, PN 12999178

This task covers: a. Disassembly b. Repair/Inspection/Reassembly

INITIAL SETUP**References**

TM 9-1005-313-10

NOTE

Do not mix lubricants on the same weapon. The weapon must be thoroughly cleaned during change from one lubricant to another. Cleaning solvent (item 4, WP 0074 00) is recommended for cleaning during change from one lubricant to another.

Under all but the coldest of arctic conditions, LSA (item 9, WP 0074 00), CLP (item 1, WP 0074 00) or LSAT (item 10, WP 0074 00) (Marine Corps only), are the lubricants to use on your machine gun. For extreme cold conditions (0° or below) LAW (item 8, WP 0074 00) is the recommended lubricant.

When a machine gun is received at direct support maintenance, all gaging requirements must be checked as a standard maintenance procedure.

Both barrels and bolt assembly must accompany receiver when weapon is turned in.

DISASSEMBLY**WARNING**

Be sure to clear weapon before disassembling, cleaning, inspecting, transporting, or storing.

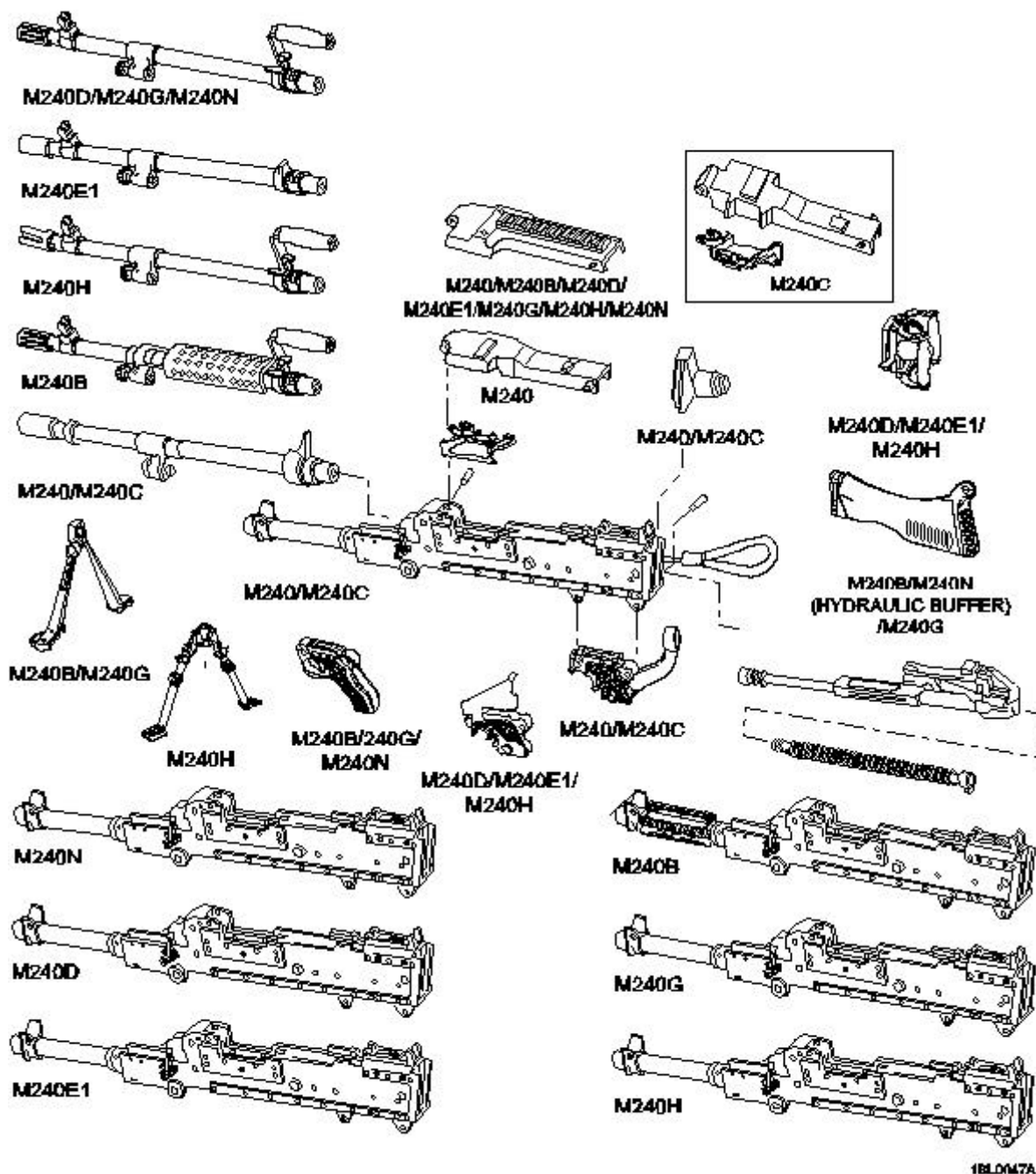
Field-strip the weapon (TM 9-1005-313-10).

DIRECT SUPPORT MAINTENANCE OF M240 SERIES MACHINE GUN

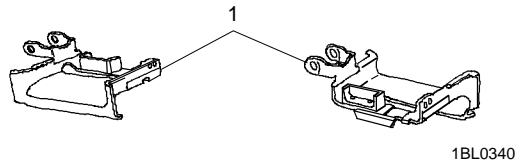
M240, NSN 1005-01-025-8095, PN 11826290; M240B, NSN 1005-01-412-3129, PN 12976814;
 M240C, NSN 1005-01-085-4758, PN 11826175; M240D, NSN 1005-01-418-6995, PN 12977099;
 M240E1, NSN 1005-01-252-4288, PN 12597033; M240G, NSN 1005-01-359-2714, PN 12999566;
 M240H, NSN 1005-01-518-2410, P/N 13005478; M240N, NSN 1005-01-493-1666, PN 12999178 (cont)

INSPECTION/REPAIR/REASSEMBLY

Visually inspect assemblies for damage. See appropriate maintenance work package for repair.



Inspect feed tray (1) for cracks or breaks. Replace feed tray (1) if damaged. If your feed tray (1) has rivets, ensure all are secure. If rivets are loose or missing, replace feed tray (1).



Reassemble weapon (TM 9-1005-313-10).

END OF WORK PACKAGE

DIRECT SUPPORT MAINTENANCE OF BARREL ASSEMBLY

M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
 M240D/M240G/M240N, NSN 1005-01-408-5897, PN 12976818; M240E1, NSN 1005-01-251-9701,
 PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220

This task covers: a. Testing b. Inspection/Repair c. Reassembly

INITIAL SETUP**Tools and Special Tools**

Breech bore erosion gage, PN 11826298

Muzzle and breech bore wear gage,
 PN 11826276

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Spring, pin, PN MS16562-122

Equipment Condition

Barrel removed from receiver
 (TM 9-1005-313-10).

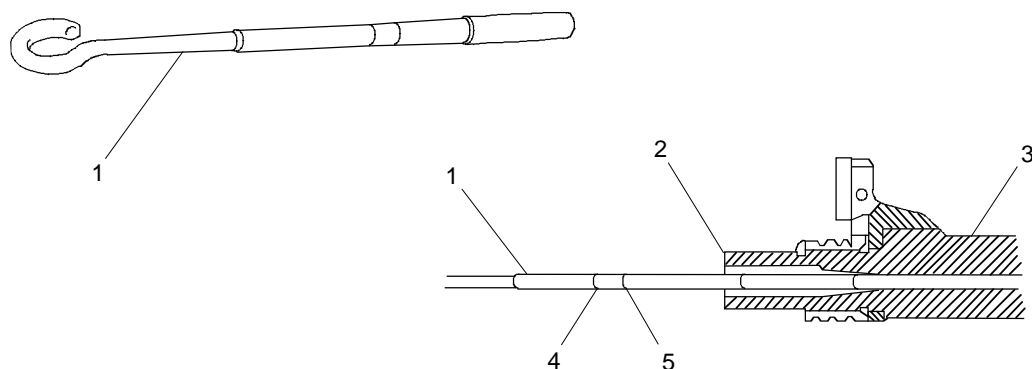
TESTING**NOTE**

Replacement of barrel assembly or barrel adapter requires DS level gaging (WP 0038 00).

A clean bore is not necessarily a shiny bore and frequently it may have a dull gray appearance. A shiny, polished bore may indicate abrasives have been used. Abrasives will NOT be used on the bore, piston or inside of the gas cylinder.

Gently but firmly insert breech bore erosion gage (1) into breech end (2) of barrel (3) as far as it will go.

Read gage (1) at the end of barrel breech (2). Replace barrel (3) if the reject mark (4) on the gage enters the breech. The barrel is not suitable for overseas shipment if the reading exceeds the preembarkation warning mark (5).



1BL0114

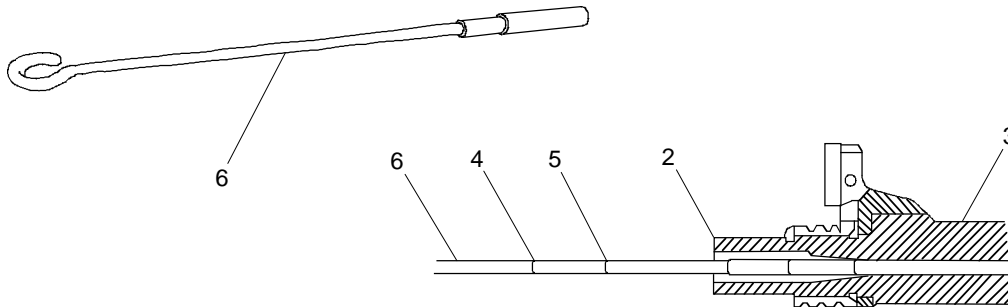
DIRECT SUPPORT MAINTENANCE OF BARREL ASSEMBLY

M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
 M240D/M240G/M240N, NSN 1005-01-408-5897, PN 12976818; M240E1, NSN 1005-01-251-9701,
 PN 12597035; M240N, NSN 1005-01-522-4817, P/N 13008220 (cont)

TESTING (cont)

Use muzzle and breech bore wear gage (6) to the test barrel (3). Gently but firmly insert gage (6) into breech end (2) of barrel (3) as far as it will go.

Read muzzle and breech bore wear gage (6) at the end of barrel breech (2). Replace barrel (3) if the rejection mark (4) on gage (6) enters the breech. The barrel is not suitable for overseas shipment if the reading exceeds the preembarkation warning mark (5).

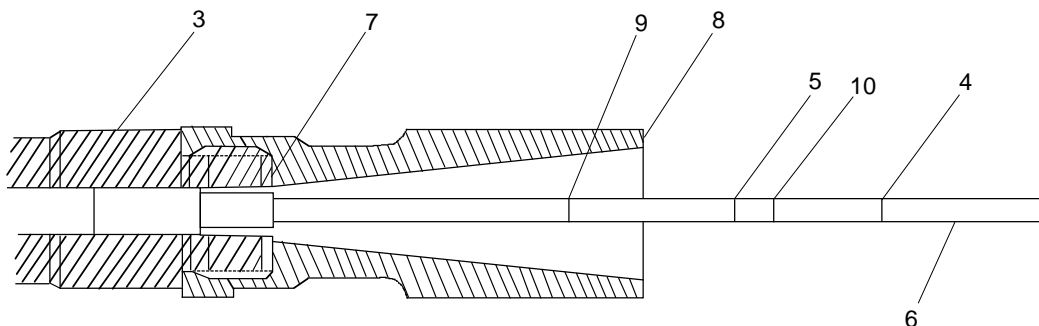


1BL0115

Gently but firmly insert muzzle and breech bore wear gage (6) into the muzzle end (7) of barrel (3) as far as it will go.

Read muzzle and breech bore wear gage (6) at the end of flash hider/suppressor (8). Replace barrel (3) if:

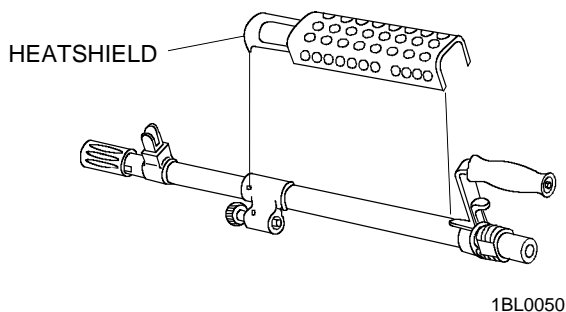
- (M240/M240C/M240E1): Rejection mark (4) on gage (6) enters flash hider/suppressor (8). The barrel is not suitable for overseas shipment if the reading exceeds preembarkation warning mark (5).
- (M240B/M240D/M240G/M240H/M240N): Rejection mark (10) on gage (6) enters flash hider/suppressor (8). The barrel is not suitable for overseas shipment if the reading exceeds preembarkation warning mark (9).



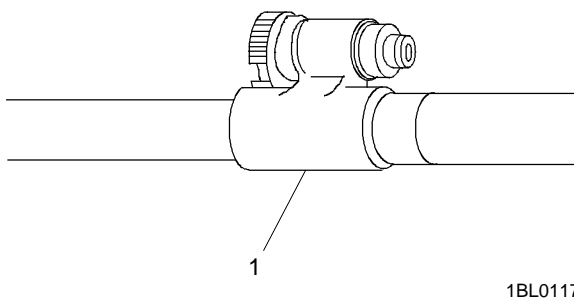
1BL0116

DISASSEMBLY

Remove heat shield from barrel (M240B/M240H only).

**NOTE**

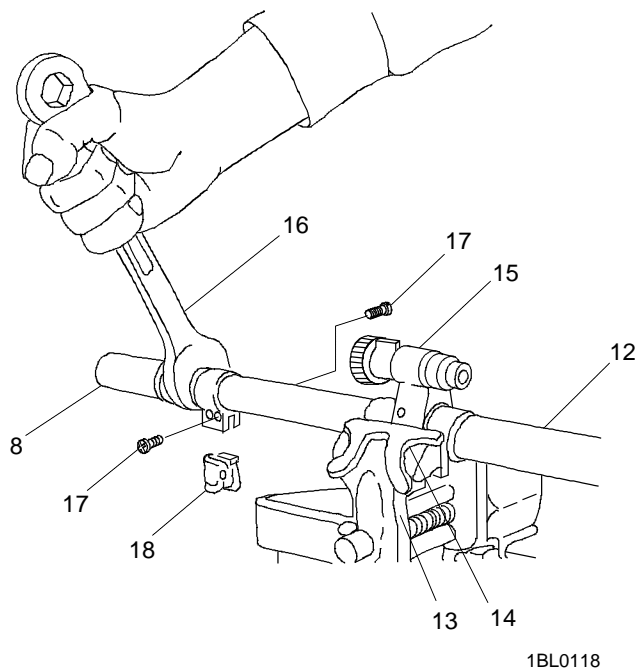
Clamp on gas port area (1) only.



Secure barrel assembly (12) in a vise (13) with protective jaws (14) with gas regulator (15) up.

Use 23mm box and open end combination wrench (16) to remove flash hider/suppressor (8).

(M240B/M240D/M240E1/M240G/M240H/M240N): If necessary, remove two front sight adjusting screws (17) and front sight assembly (18).

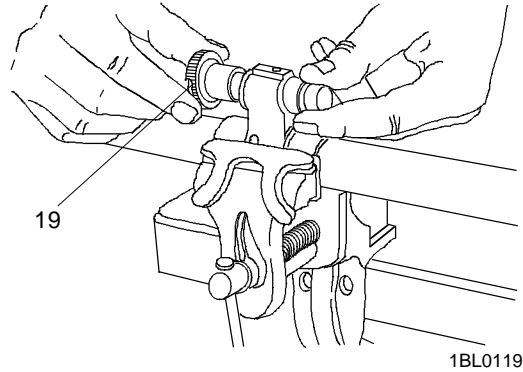


DIRECT SUPPORT MAINTENANCE OF BARREL ASSEMBLY

M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
M240D/M240G/M240N, NSN 1005-01-408-5897, PN 12976818; M240E1, NSN 1005-01-251-9701,
PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220 (cont)

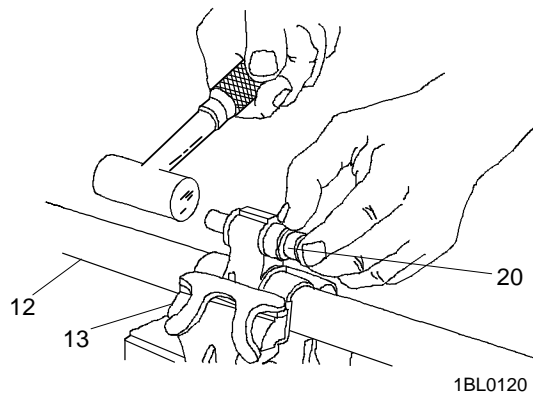
DISASSEMBLY (cont)

Rotate collar (19) until it releases, and then pull it out.

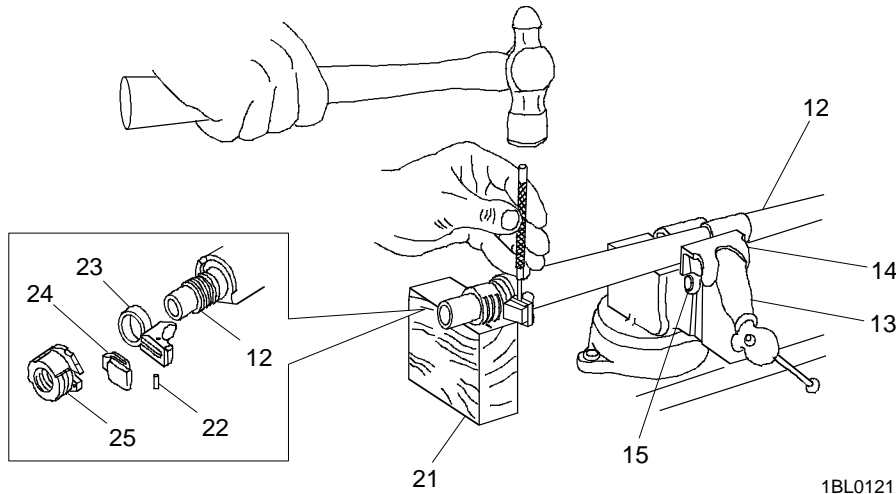


Drive out plug (20) and be ready to catch it to prevent damage.

Remove barrel (12) from vise (13).



Clamp barrel assembly (12) in vise (13) with protective jaws (14) above the gas regulator area with gas regulator (15) pointed down. Place a block of wood (21) as shown to steady barrel assembly (12).

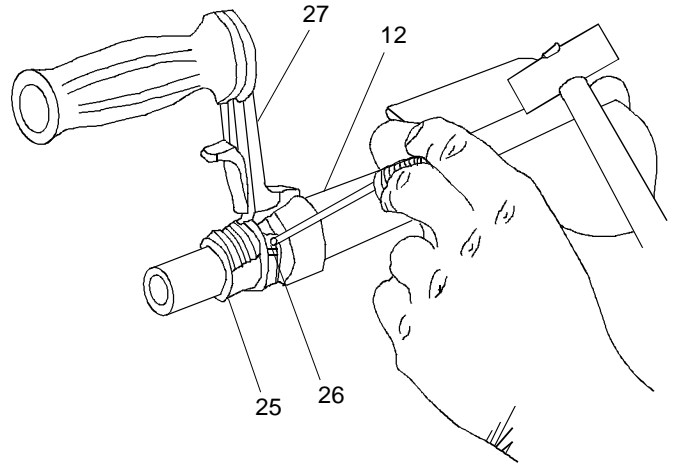


NOTE

Barrel and barrel adapter have left-hand threads.

(M240/M240C/M240E1): Drive spring pin (22) out of barrel release (23). Move barrel release latch (24) to stop. Unscrew barrel adapter nut (25) (left-hand thread). Remove barrel release (23) from barrel assembly (12). Remove barrel release latch (24) from barrel release (23). Discard spring pin (22).

(M240B/M240D/M240G/M240H/M240N): Drive barrel nut locking pin (26) out of barrel adapter nut (25) until it is flush with the edge of the barrel adapter nut (move carrying handle assembly (27) to stop for easier access to pin). Unscrew barrel adapter nut (25) (left-hand thread). Remove carrying handle assembly (27) from barrel assembly (12). Remove carrying handle assembly (27) simply by sliding it out of its groove.



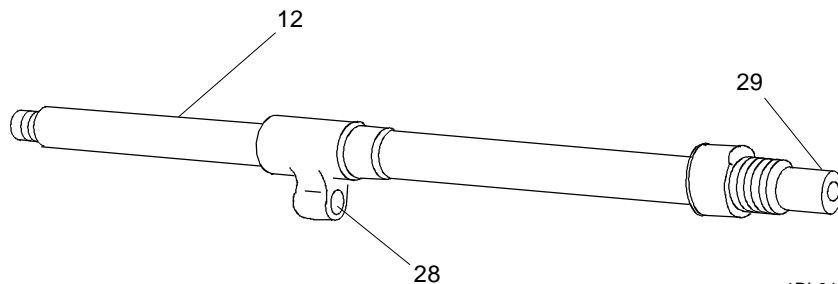
1BL0122

INSPECTION/REPAIR**NOTE**

Barrel may be removed from vise to determine the serviceability of the barrel.

Inspect for foreign matter in gas port (28) of barrel (12).

Inspect breech (29) for burrs.



1BL0123

DIRECT SUPPORT MAINTENANCE OF BARREL ASSEMBLY

M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
 M240D/M240G/M240N, NSN 1005-01-408-5897, PN 12976818; M240E1, NSN 1005-01-251-9701,
 PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220 (cont)

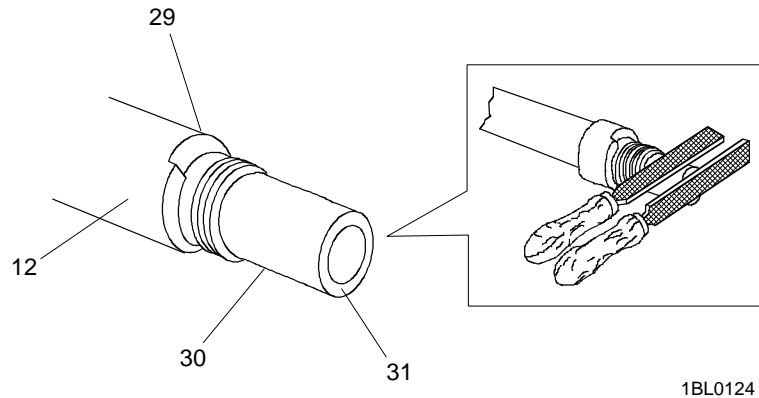
INSPECTION/REPAIR (cont)

Take off burrs on cylindrical part (30) of breech (29).

Take off burrs on rear section (31) of breech (29).

Inspect threads for damage.

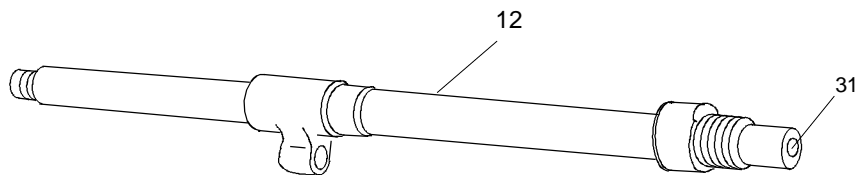
Replace barrel (12) if removal of burrs affects form, fit, or function or if threads are damaged.



1BL0124

The following define replacement criteria for barrels (12):

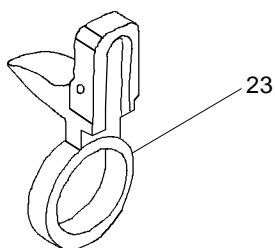
- Pits in the chamber of breech (31) are allowable if they are not large enough to cause extraction difficulties.



1BL0125

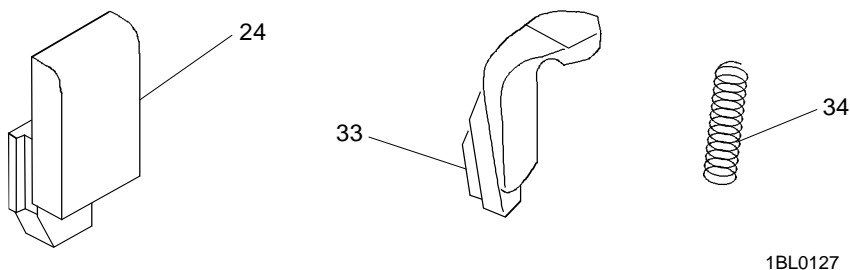
- Pits less than the width of a land or groove in width or length are allowable. Replace if pits greater than the width of a land or groove in width or length are present.
- Scattered or uniformly fine pits are allowable.
- Tool marks or scratches are acceptable regardless of length. Tool marks will appear as lines running laterally in the grooves or they may run spirally across the top of the lands.
- Definitely ringed bores or bores ringed sufficiently to bulge the outside surface of barrel are cause for rejection. However, faint rings or shadowy depressions do not indicate an unserviceable barrel and should not be cause for rejection.
- Lands that appear dark due to a coat of gilded metal from projectiles should not be cause for rejection.

(M240/M240C/M240E1): Check barrel release (23) for cracks or distortion. Replace if cracked or distorted.



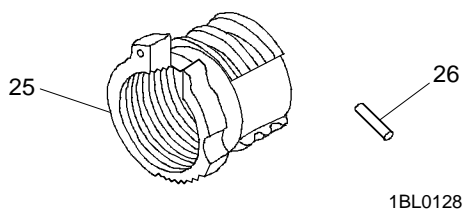
(M240/M240C/M240E1): Inspect barrel release latch (24) for breaks or cracks. Replace if damaged.

(M240B/M240D/M240G/M240H/M240N): Inspect barrel catch (33) and spring (34). Replace if cracked or distorted.

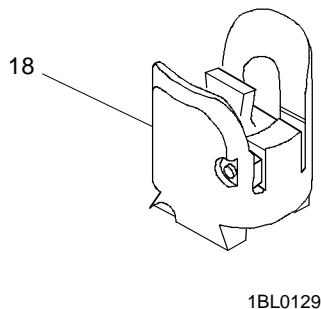


Inspect barrel adapter nut (25) for damaged threads or cracks. Replace if damaged.

(M240B/M240D/M240G/M240H/M240N): Inspect nut locking pin (26) for cracks or distortion. Replace if missing or damaged.



Repair front sight assembly (18) if damaged (WP 0010 00) (all except M240/M240C).

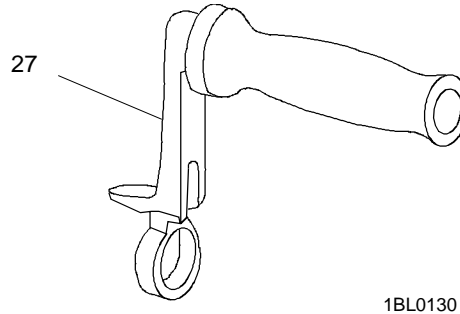


DIRECT SUPPORT MAINTENANCE OF BARREL ASSEMBLY

M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
M240D/M240G/M240N, NSN 1005-01-408-5897, PN 12976818; M240E1, NSN 1005-01-251-9701,
PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220 (cont)

INSPECTION/REPAIR (cont)

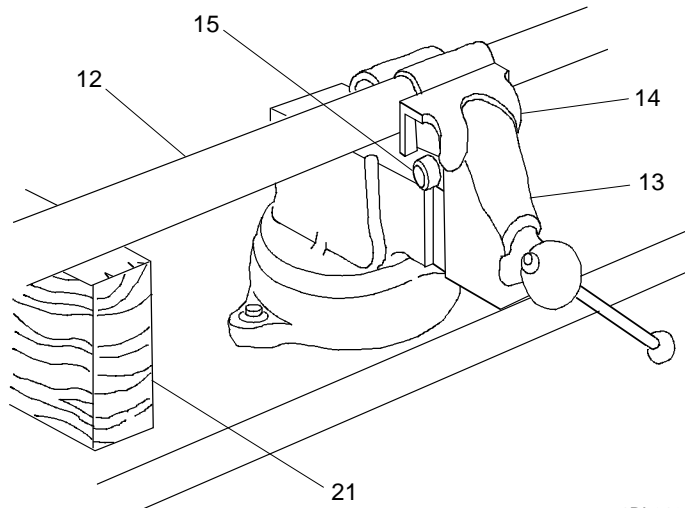
Repair carrying handle assembly (27) if damaged (WP 0025 00).

**REASSEMBLY****NOTE**

Clamp in gas port area only.

Place barrel (12) in vise (13) with protective jaws (14) above gas regulator area (15) with gas regulator pointed down.

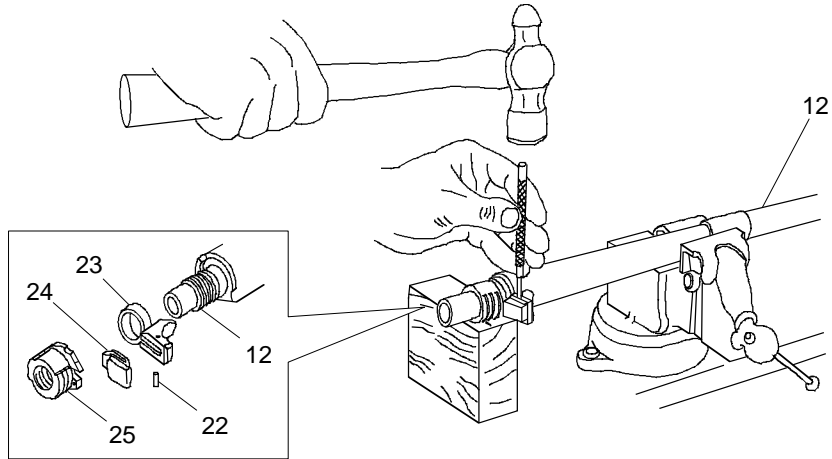
Place a block of wood (21) as shown to steady barrel (12).



NOTE

Barrel and barrel adapter have left-hand threads.

(M240/M240C/M240E1): Place barrel release latch (24) in barrel release (23). Hold them vertically and place firmly against front shoulder of barrel (12).



1BL0132

Screw barrel adapter nut (25) onto barrel (12) finger-tight.

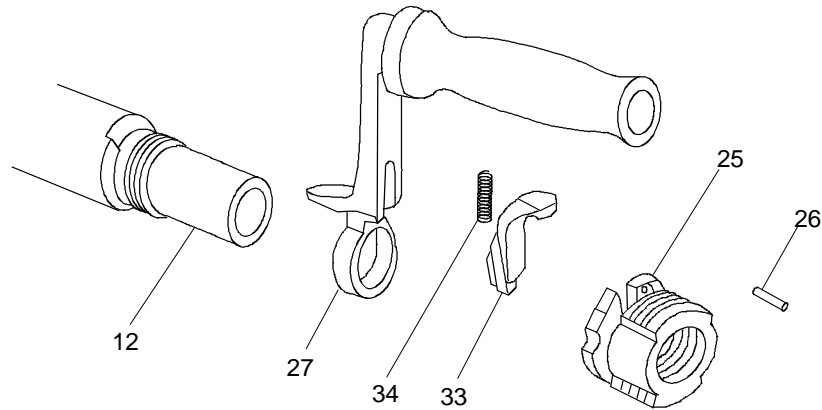
Unscrew barrel adapter nut (25) until barrel release latch (24) engages the recess in barrel adapter nut (25).

Secure barrel release latch (24) to barrel release (23) with new spring pin (22).

NOTE

Barrel and barrel adapter have left-hand threads.

(M240B/M240D/M240G/M240H/M240N): Place catch spring (34) into barrel catch (33). Install barrel catch (33) into carrying handle assembly (27). Hold carrying handle assembly vertically, place firmly against front shoulder of barrel (12).



1BL0133

DIRECT SUPPORT MAINTENANCE OF BARREL ASSEMBLY

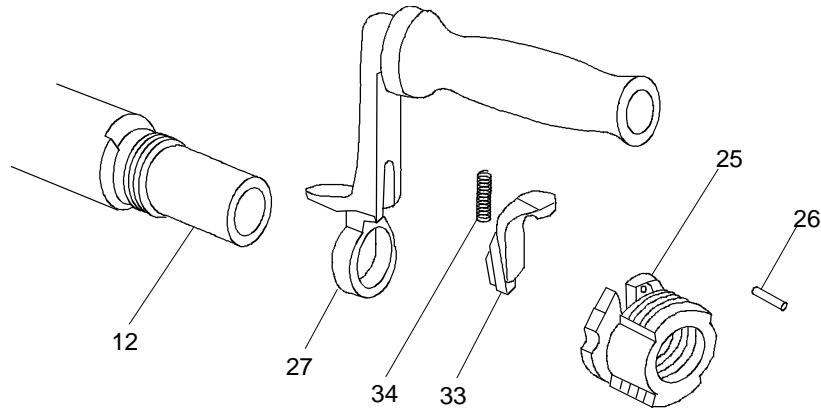
M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
 M240D/M240G/M240N, NSN 1005-01-408-5897, PN 12976818; M240E1, NSN 1005-01-251-9701,
 PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220 (cont)

REASSEMBLY (cont)

Screw barrel adapter nut (25) onto barrel (12) finger tight.

Unscrew barrel adapter nut (25) until barrel catch (33) engages the recess in the carrying handle assembly (27).

Secure carrying handle assembly (27) to barrel adapter nut (25) by tapping barrel nut locking pin (26) out approximately 1/8 inch until it engages the stops on the carrying handle assembly.

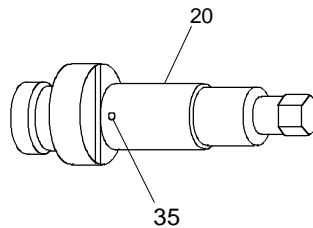


1BL0133

NOTE

The plug (20) is designed with three gas inlet settings to maintain the rate of fire. This design is intended to maintain a consistent rate of fire under adverse conditions, NOT TO INCREASE RATE OF FIRE. Gas setting number 1 (35) (number facing the barrel) is preferred for normal conditions.

(M240B/M240H Army only): The plug (20) is designed with one gas inlet settings to maintain the rate of fire.



1BL0134

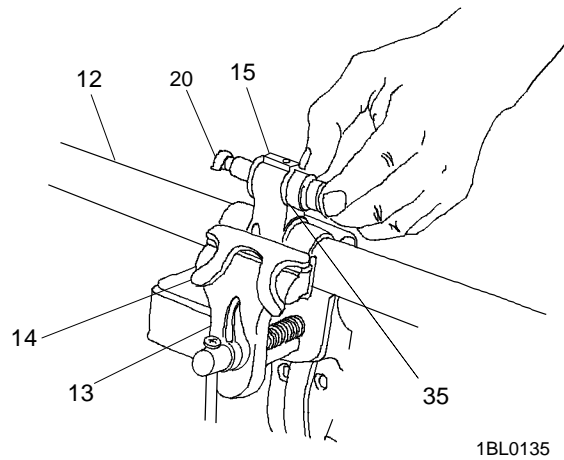
Setting number 1 = 650 rds/m approx. (600 rds/m (M240B/M240N with hydraulic buffer only))

Setting number 2 = 750 rds/m approx. (625 rds/m (M240B/M240N with hydraulic buffer only))

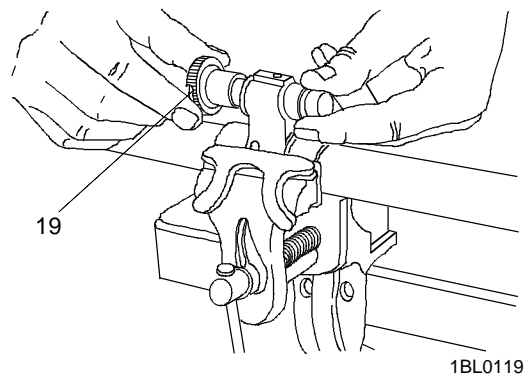
Setting number 3 = 950 rds/m approx. (650 rds/m (M240B/M240N with hydraulic buffer only))

Clamp barrel (12) in vise (13) with protective jaws (14) below gas regulator area with gas regulator area (15) pointed up.

Place plug (20) with gas inlet hole number 1 (35) facing barrel (12).



Rotate collar (19) until it engages, then push it in.



DIRECT SUPPORT MAINTENANCE OF BARREL ASSEMBLY

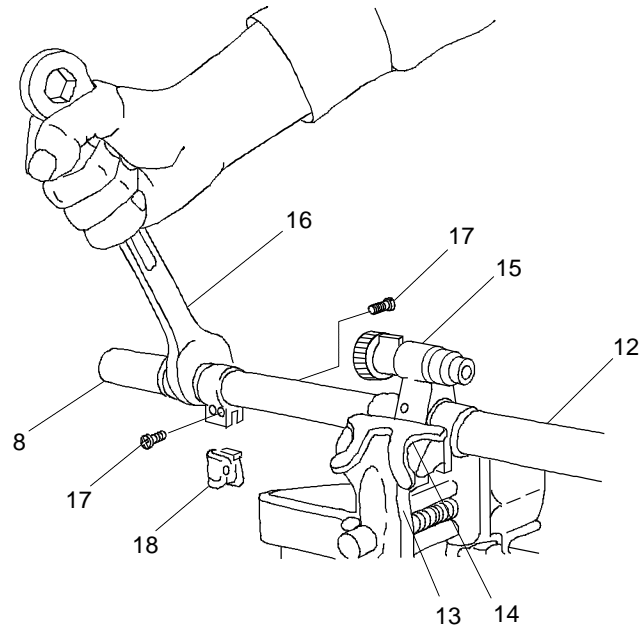
M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 12976817;
M240D/M240G/M240N, NSN 1005-01-408-5897, PN 12976818; M240E1, NSN 1005-01-251-9701,
PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220 (cont)

REASSEMBLY (cont)

(M240B/M240D/M240E1/M240G/M240H/M240N): If removed, install front sight assembly (18) and secure with two front sight adjusting screws (17).

Use 23mm box and open end combination wrench (16) to install flash hider/suppressor (8).

Remove barrel (12) from vise (13).



1BL0118

END OF WORK PACKAGE

**DIRECT SUPPORT MAINTENANCE OF CARRYING HANDLE ASSEMBLY
M240B/M240D/M240G/M240H/M240N, NSN 1005-01-408-3585, PN 12976819**

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP**Tools and Special Tools**

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Wire, Steel, Cres., Safety, PN MS9226-04

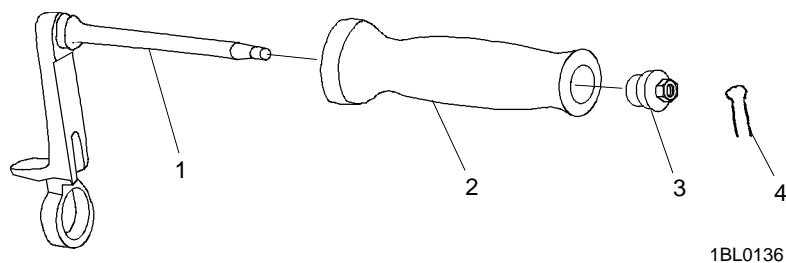
Equipment Condition

Carrying handle assembly removed from barrel
(WP 0024 00).

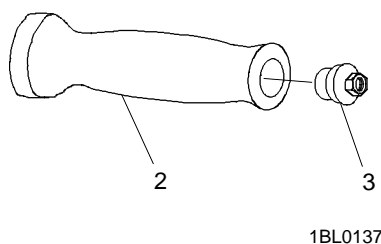
DISASSEMBLY

Remove safety wire (4) and retaining nut (3).

Remove carrying handle (2) from the barrel bracket (1).

**INSPECTION/REPAIR**

Inspect carrying handle (2) and retaining nut (3) for wear, cracks or breaks. Replace if damaged.

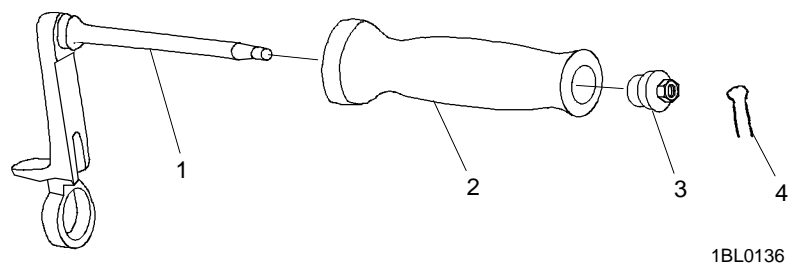


**DIRECT SUPPORT MAINTENANCE OF CARRYING HANDLE ASSEMBLY
M240B/M240D/M240G/M240H/M240N, NSN 1005-01-408-3585, PN 12976819 (cont)**

REASSEMBLY

Install carrying handle (2) on the barrel bracket (1).

Screw on the retaining nut (3) and install new safety wire (4).



END OF WORK PACKAGE

DIRECT SUPPORT MAINTENANCE OF BUFFER ASSEMBLY M240/M240C, NSN 1005-01-440-8010, PN 11826230

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts (cont)

Spring, pin, PN MS39086-147
Weapons lubricating oil (as required)
Wiping rag (item 11, WP 0074 00)

Materials/Parts

Solvent cleaning compound (RBC)
(item 2, WP 0074 00)

Equipment Condition

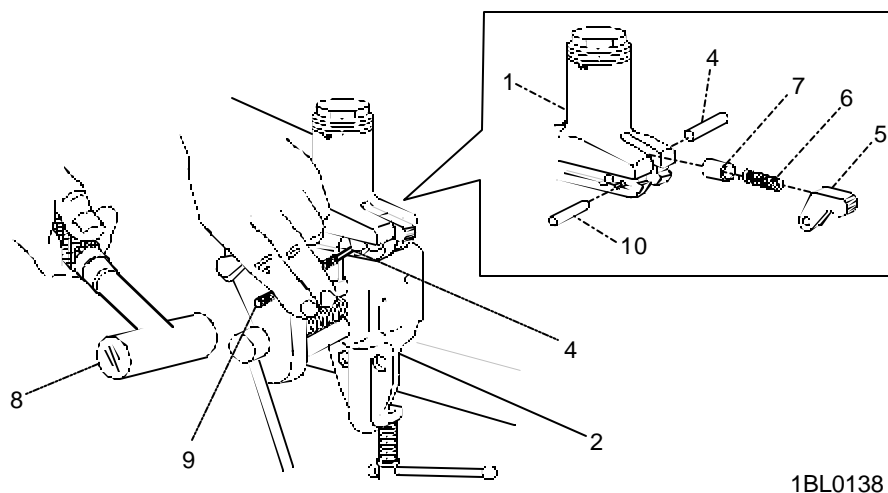
Buffer assembly removed (TM 9-1005-313-10).

DISASSEMBLY

CAUTION

Do not over tighten vise on back plate.

Clamp buffer assembly (1) in vise (2) (with protective jaws) at two forward ribs. Be sure that vise jaws do not cover headed straight pin (4).



1BL0138

NOTE

Back plate latch (5) is under tension.

Hold hand over back plate latch (5) when removing headed straight pin (4), or helical compression spring (6) and detent plunger (7) will fly out.

Use a brass hammer (8) and punch (9) to drive headed straight pin (4) out from left to right.

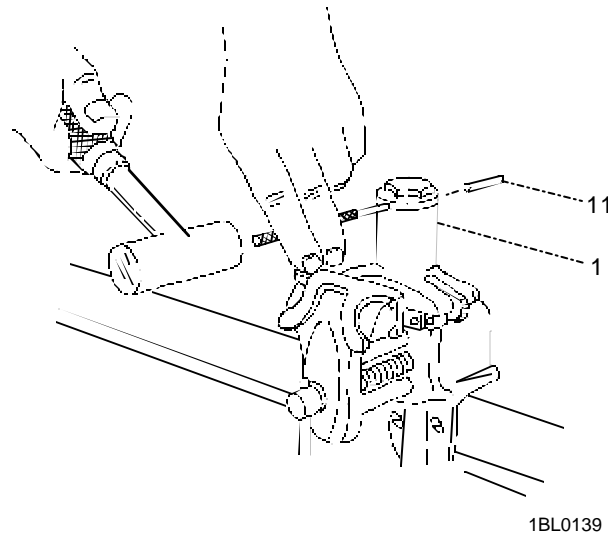
NOTE

Spring pin (10) need not be removed unless it is damaged.

**DIRECT SUPPORT MAINTENANCE OF BUFFER ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230 (cont)**

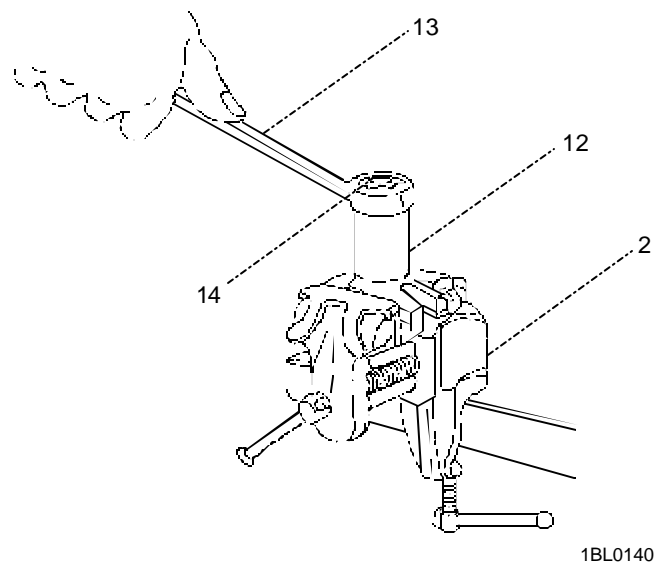
DISASSEMBLY (cont)

Punch spring pin (11) out of buffer assembly (1). Discard spring pin (11).

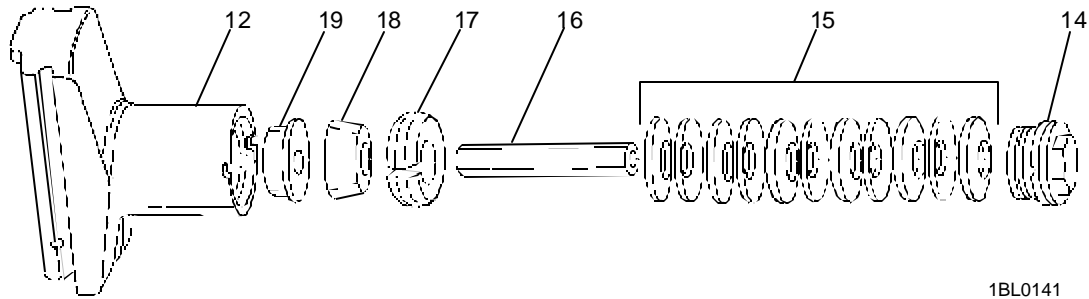


Reposition back plate (12) in vise (2) for more support, and using 23mm box and open end combination wrench (13), loosen machine plug (14).

Remove from vise.



Unscrew machine plug (14) and remove eleven spring washers (15), sleeve spacer (16), expansion ring (17), braking buffer cone (18), and buffer plug (19) from back plate (12).



1BL0141

INSPECTION/REPAIR

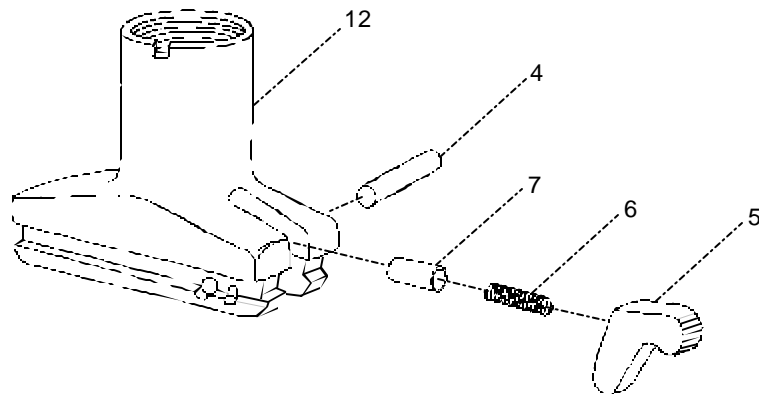
Check headed straight pin (4). Replace if bent or broken.

Check detent plunger (7). Replace if bent or broken.

Check helical compression spring (6) for deformation of breaks. Replace if damaged, broken, or deformed.

Check back plate latch (5) for cracks or breaks. Replace if damaged.

Check back plate (12) for damaged threads and burrs. Remove burrs with file. Replace buffer assembly if threads are damaged.



1BL0142

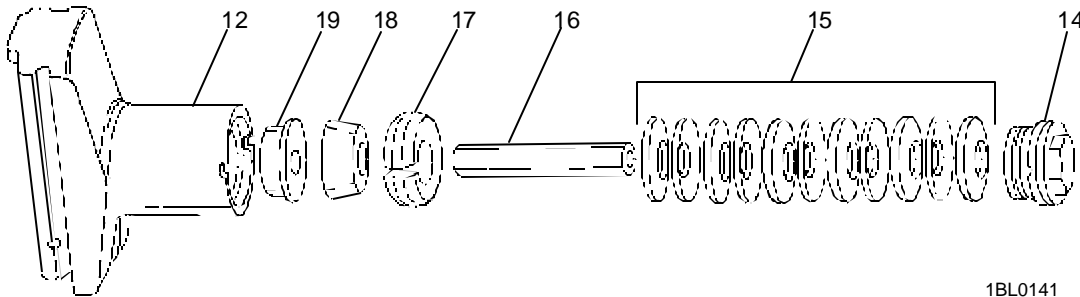
**DIRECT SUPPORT MAINTENANCE OF BUFFER ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230 (cont)**

Check machine plug (14) for deformation or rounded shoulders of octagon head. Replace if damaged.

Check eleven spring washers (15) for cracks, deformation, or permanent set. Replace as a set if damaged.

Check sleeve spacer (16) and buffer plug (19). Replace if distorted, bent, or burred.

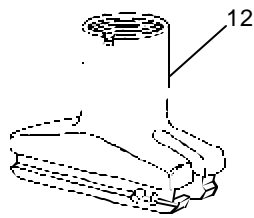
Check expansion ring (17) and braking buffer cone (18) for damaged mating surfaces. Replace if damaged, broken, or deformed.



1BL0141

REASSEMBLY

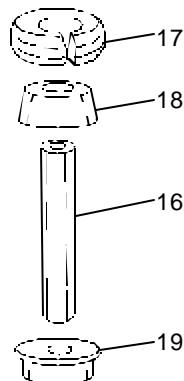
Place back plate (12) with threaded end up on a clean surface.



1BL0143

Place sleeve spacer (16) into buffer plug (19). Install braking buffer cone (18) with its base against buffer plug (19).

Place tapered surface of expansion ring (17) against tapered surface on braking buffer cone (18).



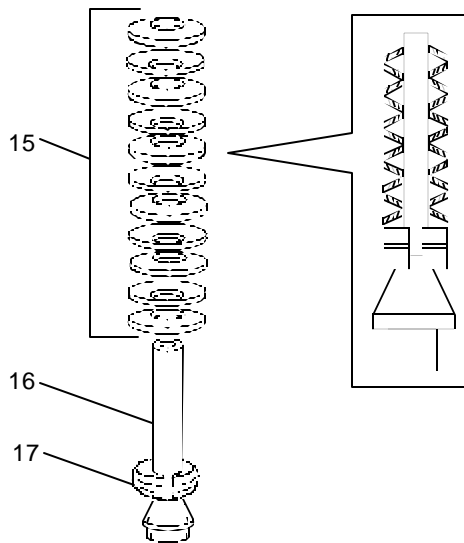
1BL0144

Apply light coat of oil to all eleven spring washers (15).

Install eleven spring washers (15) on sleeve spacer (16). Place the concave surface of the first washer against expansion ring (17). Check washer sequence diagram. Place second washer in the opposite direction with its convex surface against the first washer.

Place the concave surface of the third washer against the concave surface of the second washer.

Continue this sequence until all eleven washers (15) are assembled on sleeve spacer (16). Check assembled washers with spring washer sequence diagram.

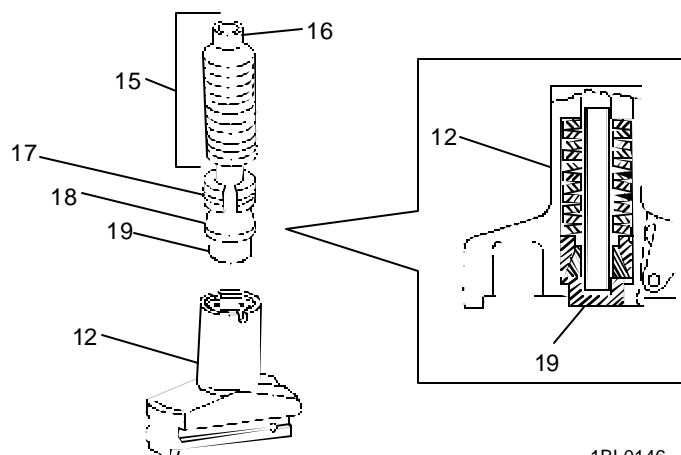


1bl0145

CAUTION

Buffer plug (19) must protrude through the hole in the back plate (12).

Install sleeve spacer (16), buffer plug (19), braking buffer cone (18), expansion ring (17), and spring washers (15) in back plate (12).



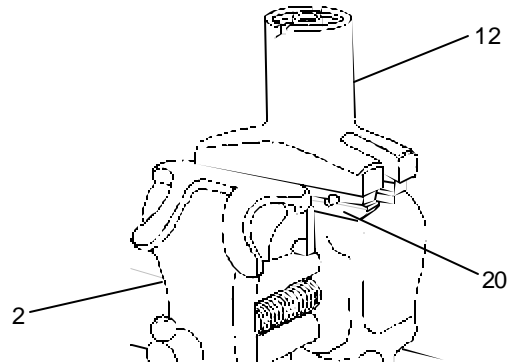
1BL0146

**DIRECT SUPPORT MAINTENANCE OF BUFFER ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230 (cont)**

REASSEMBLY (cont)**CAUTION**

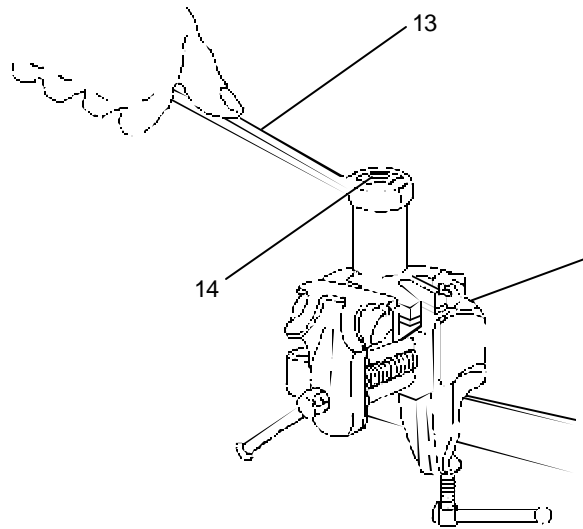
Do not over-tighten vise (2) on back plate (12).

Place back plate (12) in a vise (2) at the two forward ribs (20) and secure.



1BL0147

Install machine screw plug (14) and tighten securely with 23mm box and open end combination wrench (13) and back off as necessary to align hole.

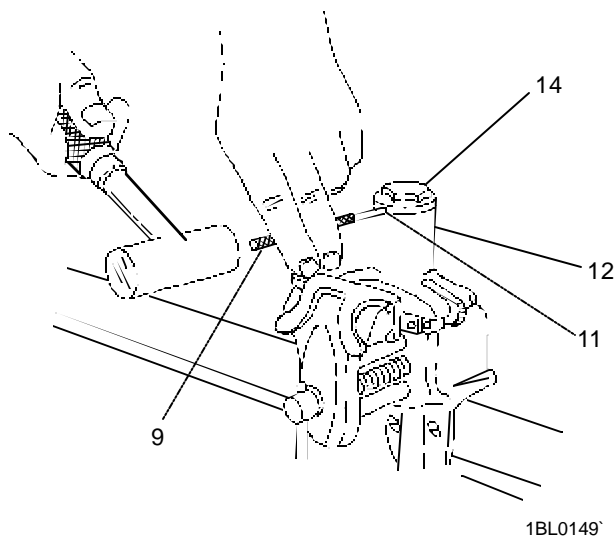


1BL0148

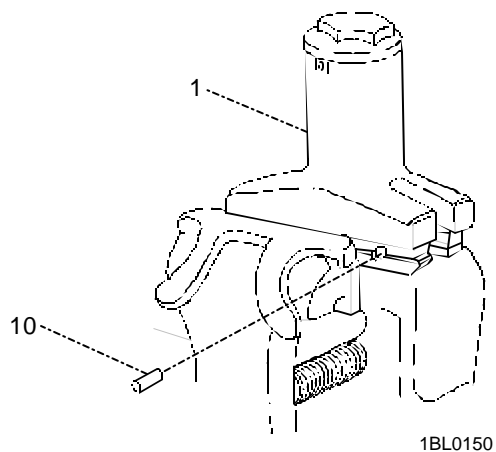
NOTE

Back plate (12) and machine plug (14) are matched pairs and must be ordered as such.

With punch (9), drive new spring pin (11) flush with back plate (12) to secure machine plug (14).



Secure back plate (12) in vise so pin holes are not covered. Install new spring pin (10) in back plate (1) only if removed.



**DIRECT SUPPORT MAINTENANCE OF BUFFER ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230 (cont)**

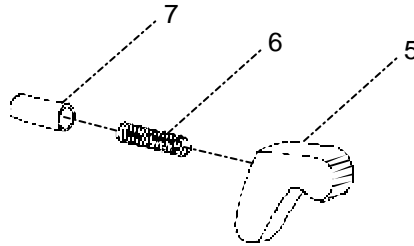
REASSEMBLY (cont)

Place helical compression spring (14), with open coil first, into detent plunger (15).

NOTE

If a new helical compression spring is installed, open end of first coil at either end to secure in detent plunger.

Place helical compression spring (6) and detent plunger (7) into hole in back of plate latch (5).

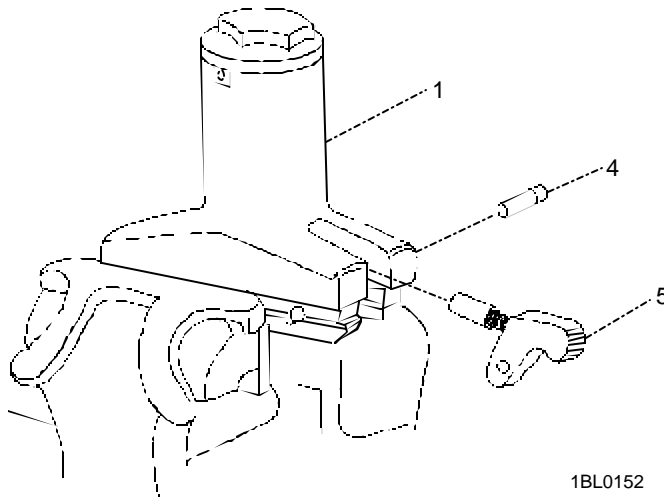


1BL0151

CAUTION

Be sure headed straight pin (4) does not stick out into channels of back plate (1).

Install back plate latch (5) (with helical compression spring and detent plunger) into back plate (1). Align holes in back plate (1) and back plate latch (5). Install headed straight pin (4) from right to left (smooth end of pin is installed first).



1BL0152

END OF WORK PACKAGE

**DIRECT SUPPORT MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057**

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Tubular spring pin, PN MS39086-80
Weapons lubricating oil (as required)
Wiping rag (item 11, WP 0074 00)

Equipment Condition

Buffer and spade grip assembly removed
(TM 9-1005-313-10).

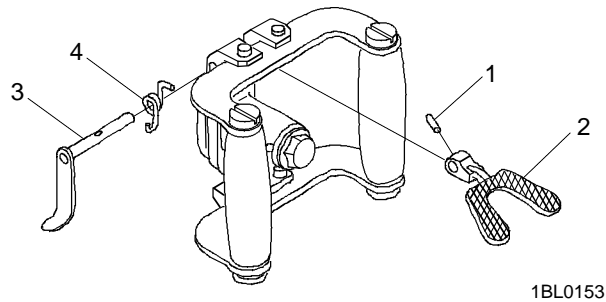
Materials/Parts

Locking pin (4), PN 7312517
Spring pin, PN MS39086-147

DISASSEMBLY

Drive out and discard spring pin (1).

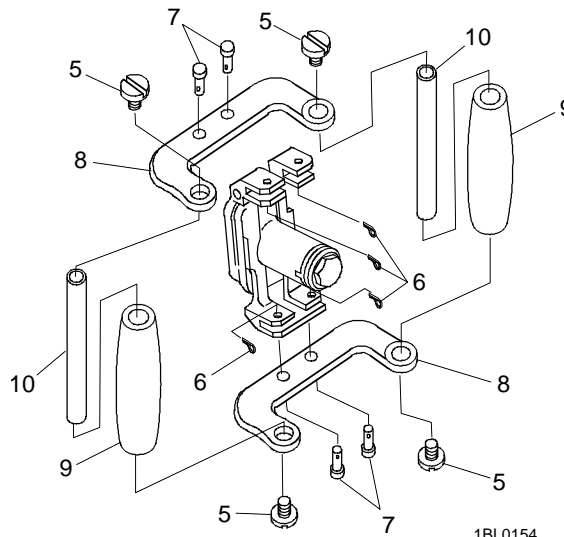
Remove trigger assembly (2), arm assembly (3), and helical spring (4).



1BL0153

Remove four screws (5), four locking pins (6), and four pins (7) to release two frame handles (8) and two grips (9). Discard four locking pins.

Remove two handle tubes (10) from grips (9).



1BL0154

DIRECT SUPPORT MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057 (cont)

DISASSEMBLY (cont)

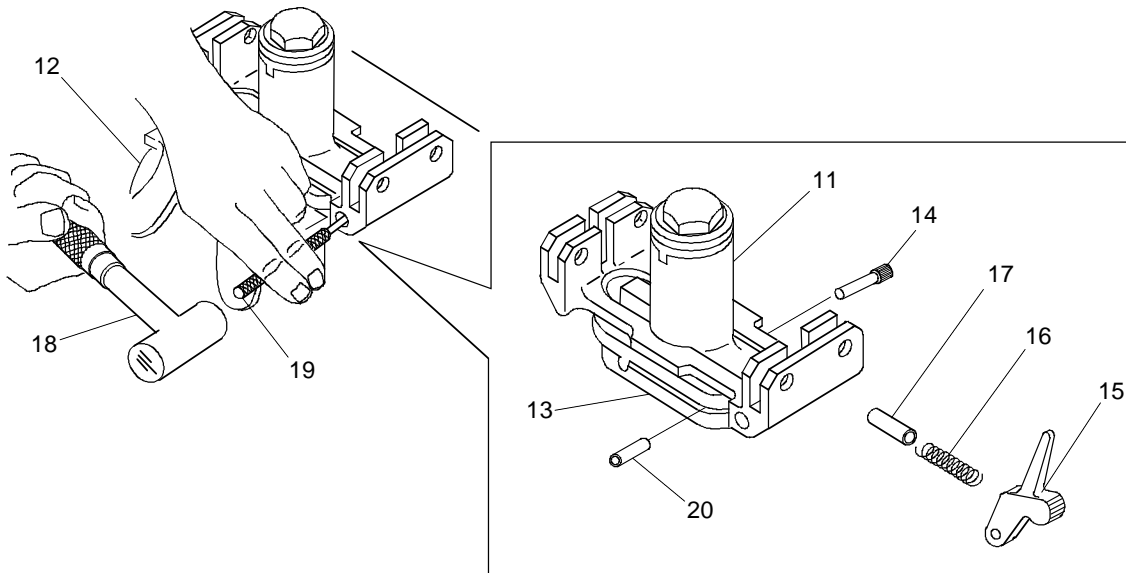
Clamp buffer housing and plug assembly (11) in vise (12) (with protective jaws) at the two forward ribs (13). Be sure that the vise jaws do not cover headed straight pin (14).

Back plate latch (15) is under tension. Hold hand over back plate latch when removing headed straight pin (14), or helical compression spring (16) and detent plunger (17) will fly out.

Use brass hammer (18) and punch (19) to drive headed straight pin (14) out from left to right.

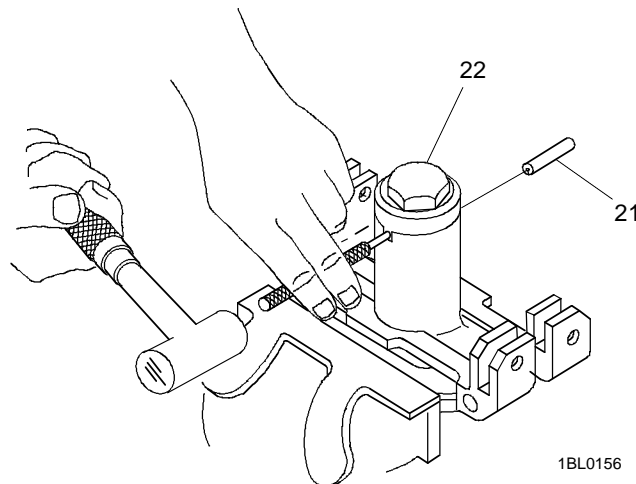
NOTE

Spring pin (20) need not be removed unless damaged.



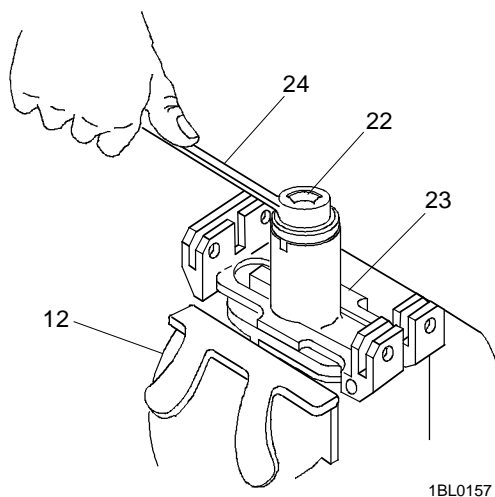
1BL0155

Drive spring pin (21) out of machine plug (22). Discard spring pin (21).

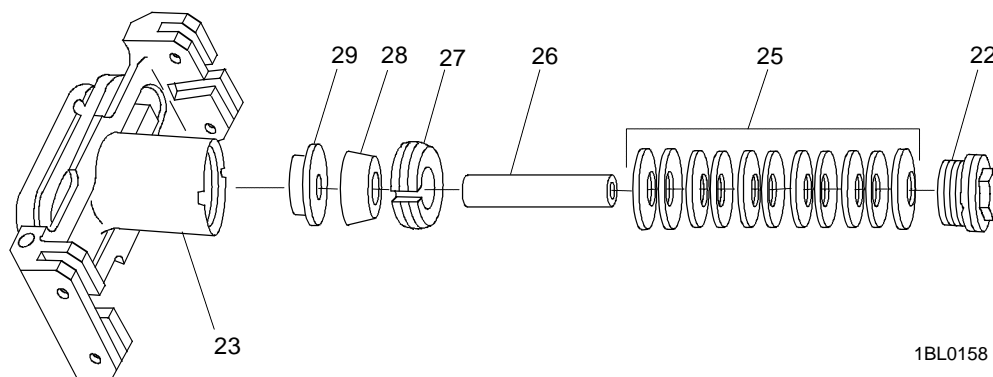


1BL0156

Reposition back plate (23) in vise (12) for more support and, using a 23mm box and open end combination wrench (24), loosen machine plug (22).



Unscrew machine plug (22) and remove eleven spring washers (25), sleeve spacer (26), expansion ring (27), braking buffer cone (28), and buffer plug (29) from back plate (23).

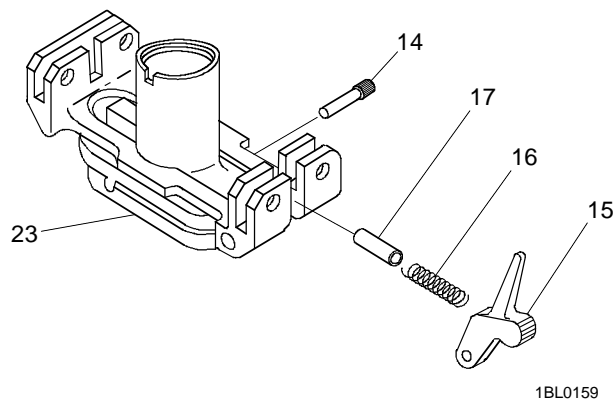


INSPECTION/REPAIR

Check headed straight pin (14). Replace if bent or broken.

Check detent plunger (17). Replace if bent or broken.

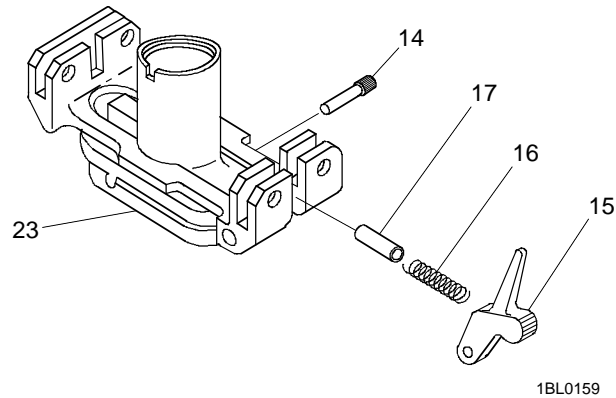
Check helical compression spring (16) for deformation or breaks. Replace if damaged, broken, or deformed.



**DIRECT SUPPORT MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057 (cont)**

Check back plate latch (15) for cracks or breaks. Replace if damaged.

Check back plate (23) for damaged threads and burrs. Remove burrs with file. Replace buffer and spade grip assembly if threads are damaged.

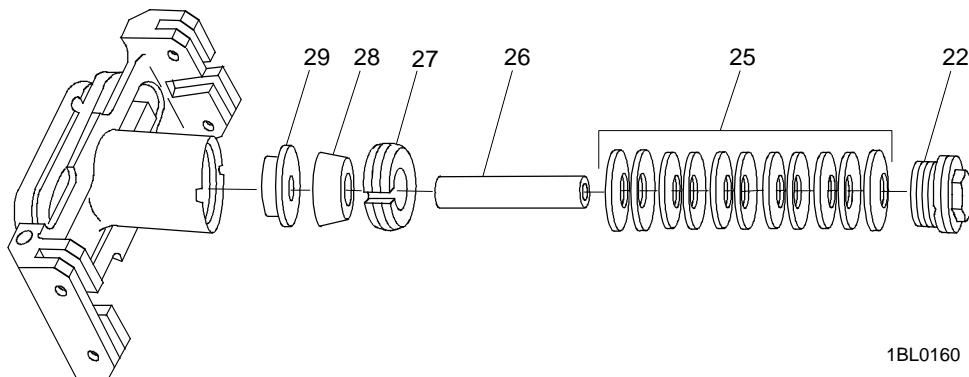


Check machine plug (22) for deformed threads or rounded shoulders of octagon head. Replace if damaged.

Check eleven spring washers (25) for cracks, deformation, or permanent set. Replace as a set if damaged, broken, or deformed.

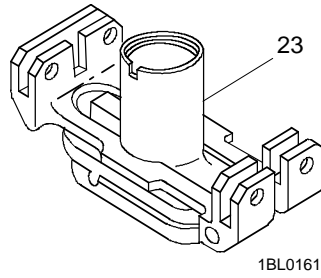
Check sleeve spacer (26) and buffer plug (29). Replace if distorted, bent, or burred.

Check expansion ring (27) and braking buffer cone (28) for damaged mating surfaces. Replace if damaged, broken, or deformed.



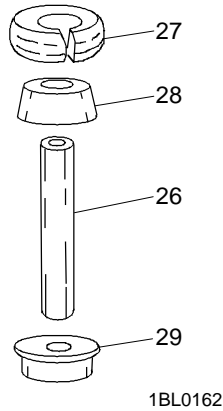
REASSEMBLY

Place back plate (23) with threaded end up on a clean surface.



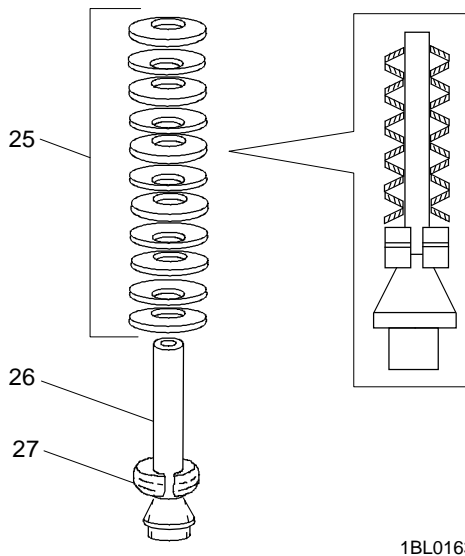
Place sleeve spacer (26) into buffer plug (29). Install braking buffer cone (28) with its base against buffer plug (29).

Place tapered surface of expansion ring (27) against tapered surface on braking buffer cone (28).



Apply light coat of lubricant to all eleven spring washers.

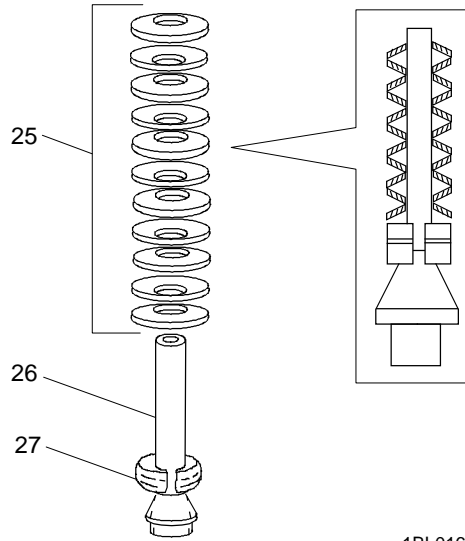
Install eleven spring washers (25) on sleeve spacer (26). Place the concave surface of the first washer against expansion ring (27). Check washer sequence diagram. Place second washer in the opposite direction with its convex surface against the first washer.



**DIRECT SUPPORT MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057 (cont)****REASSEMBLY (cont)**

Place the concave surface of the third washer against the concave surface of the second washer.

Continue this sequence until all eleven washers (25) are assembled on sleeve spacer (26). Check assembled washers with spring washer sequence diagram.

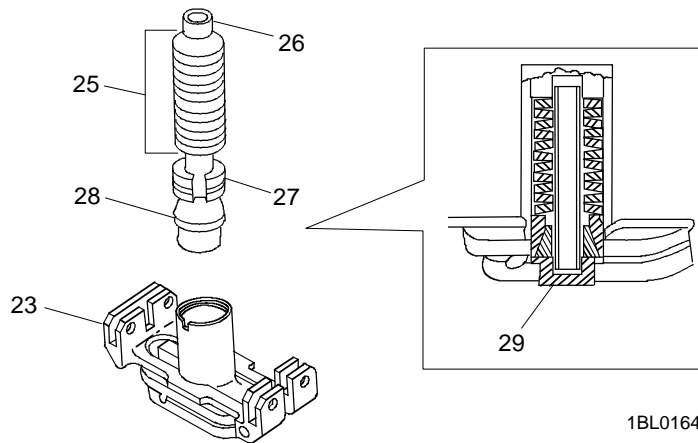


1BL0163

CAUTION

Buffer plug (3) must protrude through the hole in the back plate (1).

Install sleeve spacer (26), buffer plug (29), braking buffer cone (28), expansion ring (27), and spring washers (25) in back plate (23).

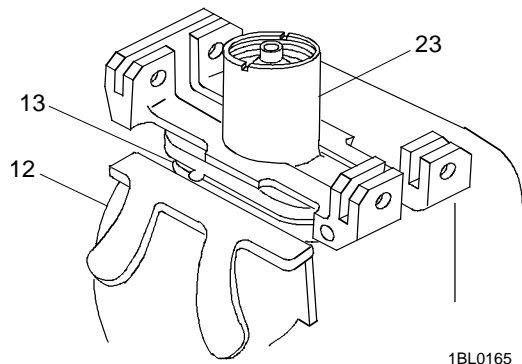


1BL0164

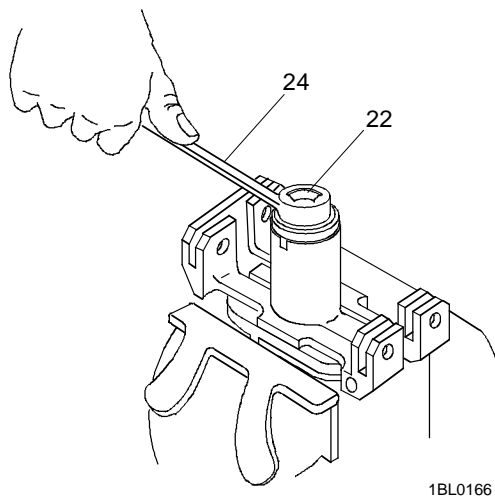
CAUTION

Do not over-tighten vise (12) on back plate (23).

Place back plate (23) in vise (12) (with protective jaws) at the two forward ribs (13) and secure.

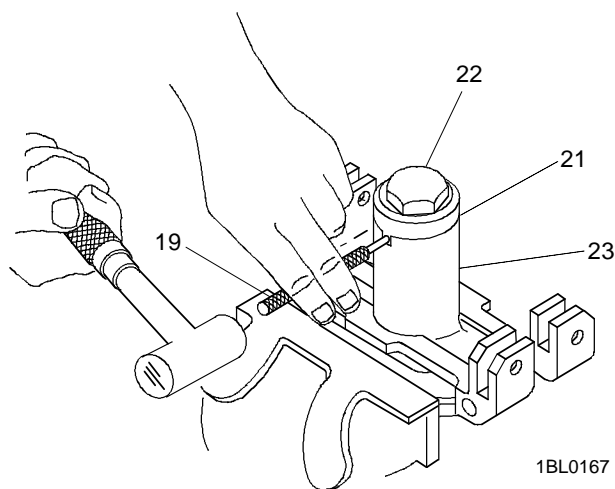


Install machine plug (22) and tighten securely with 23mm box and open end combination wrench (24) and back off as necessary to align hole.

**NOTE**

Back plate (23) and machine plug (22) are matched pairs and must be ordered as such.

With a punch (19), drive new spring pin (21) into drilled hole of machine plug (22) to secure.

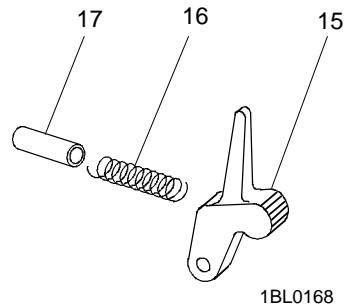


**DIRECT SUPPORT MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057 (cont)**
REASSEMBLY (cont)
NOTE

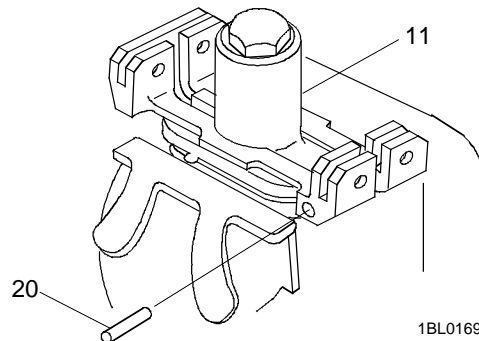
If a new helical compression spring is installed, open end of first coil at either end to secure detent plunger (17).

Place the helical compression spring (16), with open coil first, into detent plunger (17).

Place helical compression spring (16) and detent plunger (17) into hole in back of plate latch (15).

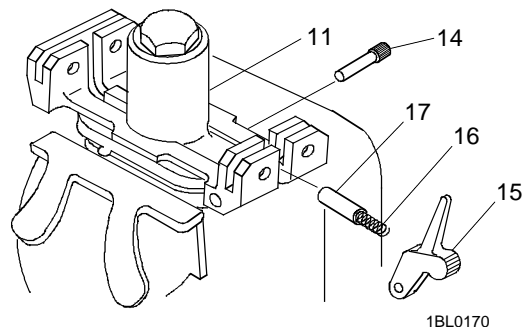

NOTE

Relocate back plate (11) in vise so pin holes are not covered. Place new spring pin (20) in back plate (11) only if removed.


CAUTION

Be sure headed straight pin (14) does not stick out into channels of back plate.

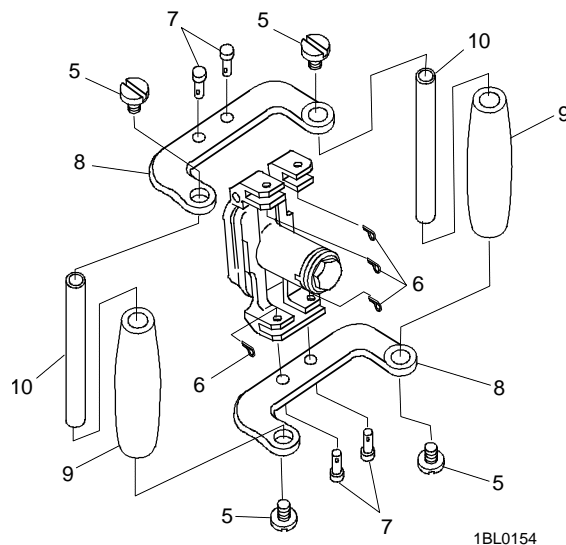
Install back plate latch (15) (with helical compression spring and detent plunger) into back plate (11). Align holes in back plate (11) and back plate latch (15). Install headed straight pin (14) from right to left (smooth end of pin is installed first).



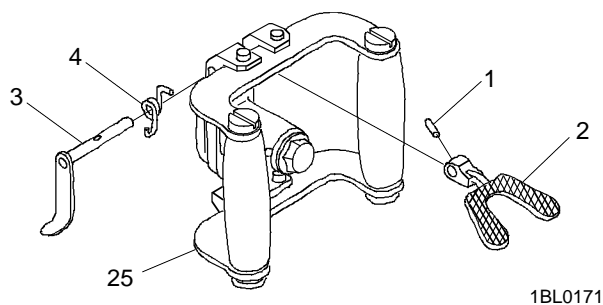
Prior to reassembly of frame harness (8), install handle tubes (10) in grips (9).

Install two frame handles (8) and two grips (9) securing with four screws (5), four pins (7), and four new locking pins (6).

Stake screws (5) in relief area of frame handles (8) to prevent rotation.



Place trigger assembly (2), helical spring (4), and arm assembly (3) in buffer housing and plug assembly (25) and secure with new spring pin (1).



END OF WORK PACKAGE

**DIRECT SUPPORT MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, NSN 1005-001-461-2658,
PN 12988986 AND BUTTSTOCK AND BUFFER ASSEMBLY, M240G, NSN 1005-01-408-5901,
PN 12976851**

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SI-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Spring pin, PN MS39086-1147 (M240B)
Washer, Tab, Retaining, PN 93013A3204
(M240G)

Equipment Condition

Buttstock and buffer assembly removed
(TM 9-1005-313-10).

Materials/Parts

Loctite sealing compound (item 13, WP 0074 00)

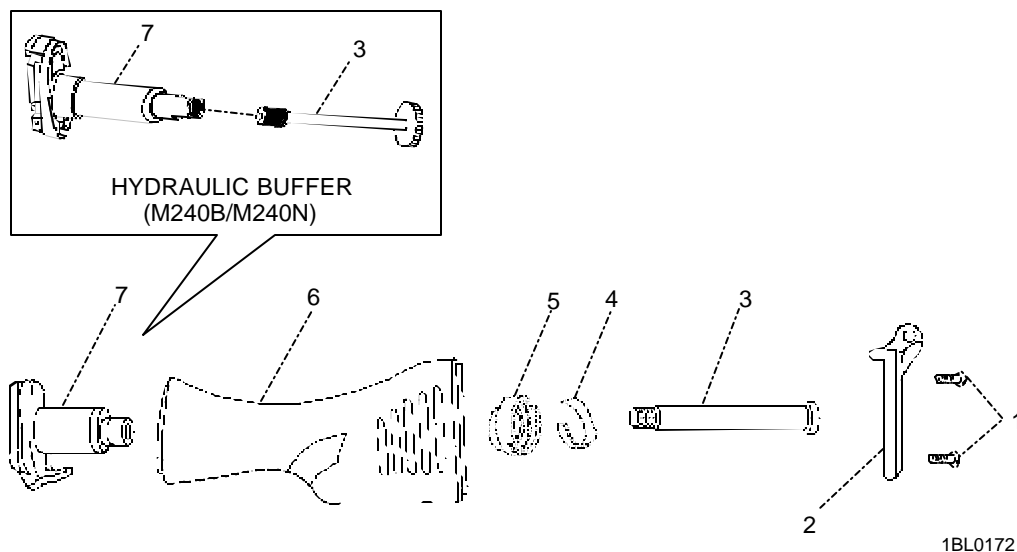
DISASSEMBLY

Remove two screws (1) from buttplate (2).

Remove the butt securing screw (3) from buttstock. The locking ring (4) and securing screw bushing (5) are not to be removed (visual inspection only).

Remove buffer housing and plug assembly (7) from the buttstock assembly to gain access to the back plate latch.

(M240B): Remove hydraulic buffer from back plate housing only if replacement is required. Further disassembly of hydraulic buffer is not authorized.



**DIRECT SUPPORT MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, NSN 1005-001-461-2658,
PN 12988986 AND BUTTSTOCK AND BUFFER ASSEMBLY, M240G, NSN 1005-01-408-5901,
PN 12976851 (cont)**

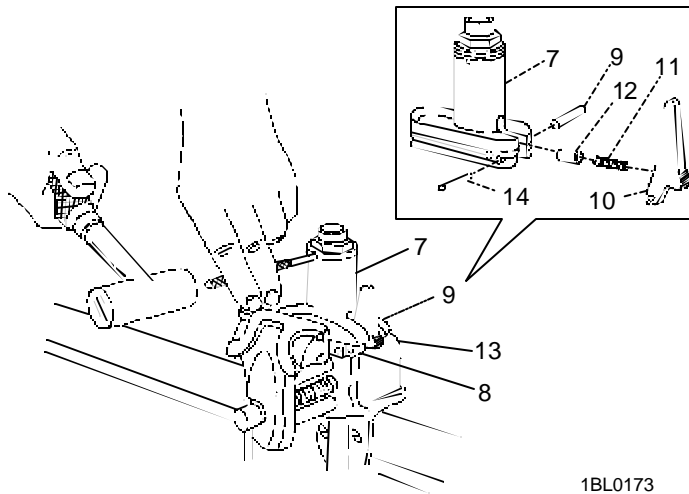
DISASSEMBLY (cont)

NOTE

Do not remove spring pin (14) unless it is damaged.

Clamp buffer housing and plug assembly (7) in vise (13) (with protective jaws) at two forward ribs (8). Be sure that the vise jaws do not cover headed straight pin (9).

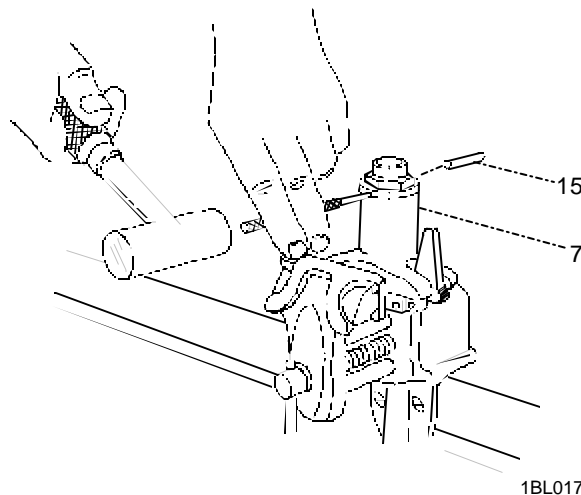
Hold hand over back plate latch (10) when removing headed straight pin (9), or helical compression spring (11) and detent plunger (12) will fly out.



1BL0173

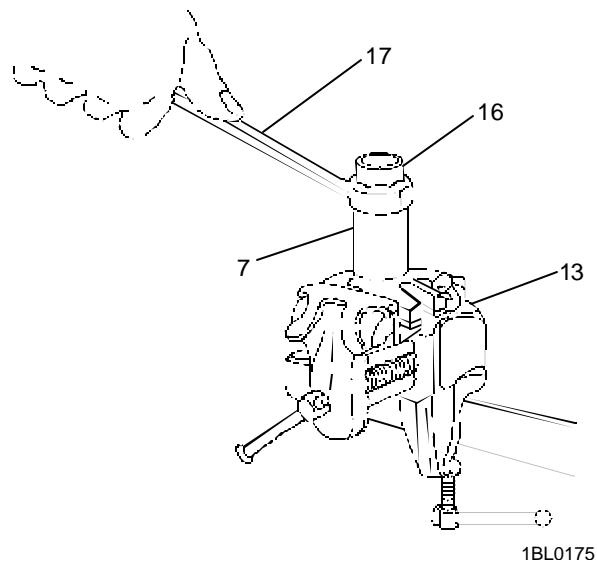
OLD STYLE BUFFERS ONLY:

Punch spring pin (15) out of buffer assembly (7) and discard.

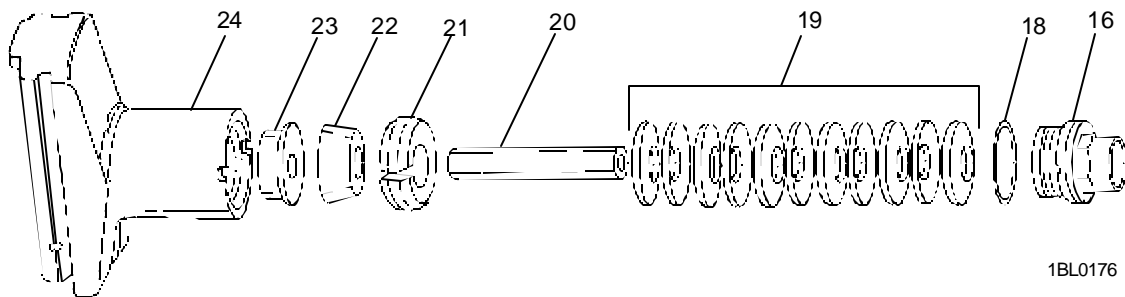


1BL0174

Reposition buffer and plug assembly (7) in vise (13) for more support and, using a 23mm box and open end combination wrench (17), loosen machine gun plug (16). Remove from vise.



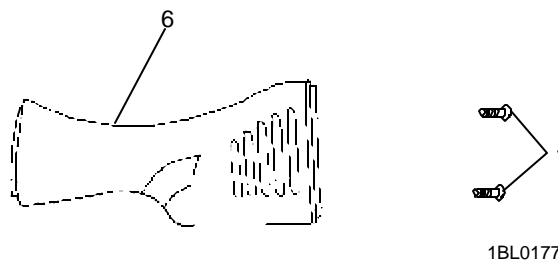
Unscrew machine plug (16) and remove retaining tab washer (18) (M240G only), eleven spring washers (19), sleeve spacer (20), expansion ring (21), braking buffer cone (22), and buffer plug (23) from back plate (24).



INSPECTION/REPAIR

Visually inspect buttstock (6) for cracks. If cracked, replace.

Inspect the screws (1) for burrs or stripped threads, if found replace.



**DIRECT SUPPORT MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, NSN 1005-001-461-2658,
PN 12988986 AND BUTTSTOCK AND BUFFER ASSEMBLY, M240G, NSN 1005-01-408-5901,
PN 12976851 (cont)**

INSPECTION/REPAIR (cont)

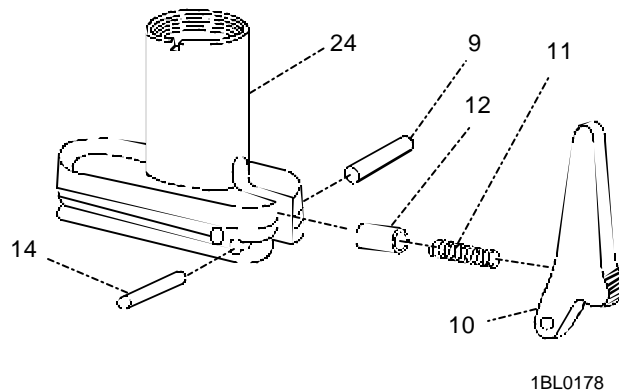
Check headed straight pin (9). Replace if bent or broken. Install new spring pin (14) if removed.

Check detent plunger (12). Replace if bent or broken.

Check helical compression spring (11) for deformation or breaks. Replace if damaged, broken, or deformed.

Check back plate latch (10) for cracks or breaks. Replace if damaged.

Check buffer housing (24) for damaged threads and burrs. Remove burrs with file.

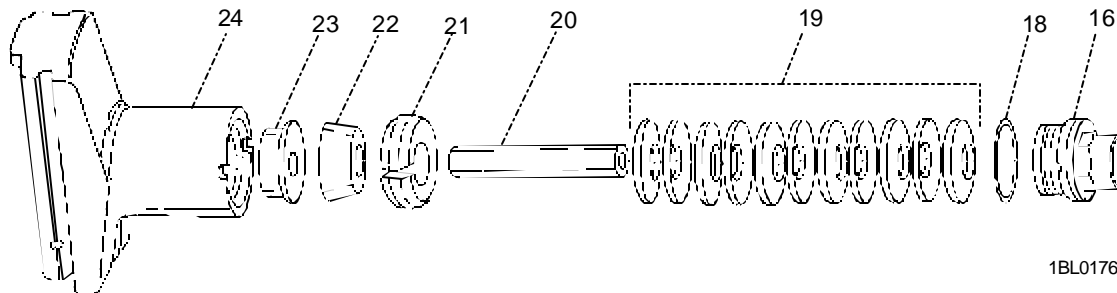


Check machine plug (16) for deformed threads or rounded shoulders on head. Replace if damaged.

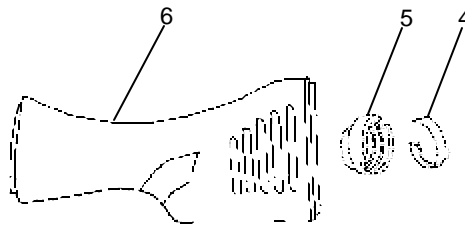
Check retaining washer tab (18) (M240G only) and eleven spring washers (19) for cracks, bends or deformation. Replace if damaged. (NOTE: Spring washers are replaced as a set.)

Check buffer plug (23), braking buffer cone (22), expansion ring (21), and sleeve spacer (20) for cracks, burrs, deformation or damage to mating surfaces. Replace if damaged.

Check buffer housing (24) for damaged threads and burrs. Remove external burrs with file. Replace if threads are damaged.

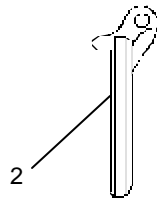


Visually check to see that locking ring (4) and securing screw bushing (5) are present and held securely within the buttstock (6).



1BL0179

Check buttplate (2) for cracks, deformation and burrs. Remove burrs with file. If cracked or deformed, replace buttplate.



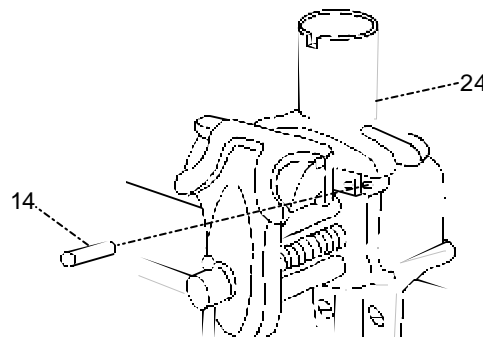
1BL0180

REASSEMBLY

NOTE

If new helical compression spring is installed, open end of first coil at either end to secure in detent.

Secure backplate (24) in vise (with protective jaws) so pin holes are not covered. Install a new spring pin (14) only if removed.



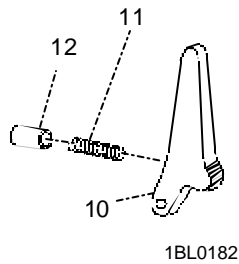
1BL0181

**DIRECT SUPPORT MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, NSN 1005-001-461-2658,
PN 12988986 AND BUTTSTOCK AND BUFFER ASSEMBLY, M240G, NSN 1005-01-408-5901,
PN 12976851 (cont)**

REASSEMBLY (cont)

Place helical compression spring (11), with open coil first into detent plunger (12).

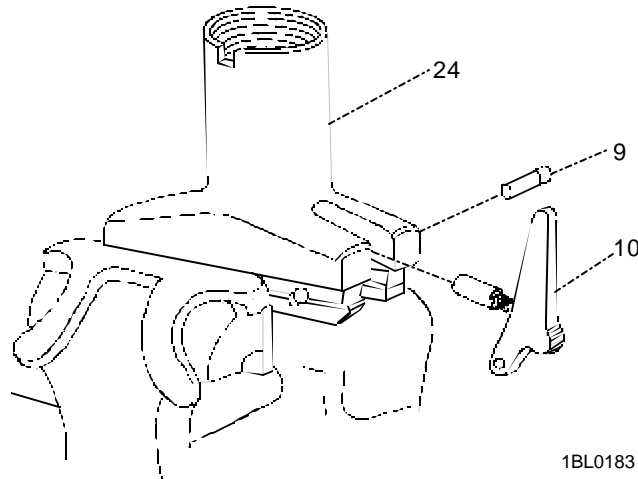
Place helical compression spring (11) and detent plunger (12) into hole in back plate latch (10).



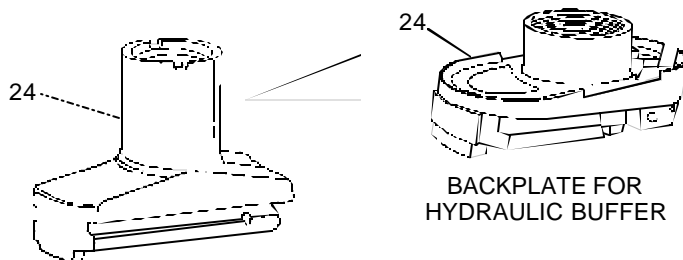
CAUTION

Be sure headed straight pin (9) does not stick into channels of the backplate (24).

Install back plate latch (10) (with helical compression spring and detent plunger) into backplate (24). Align holes in backplate (24) and back plate latch (10). Install headed straight pin (9) from right to left (smooth end of pin is installed first).



Place backplate (24) with threaded end up on a clean surface.

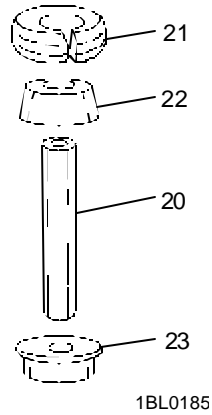


1BL0184

OLD STYLE BUFFER ONLY:

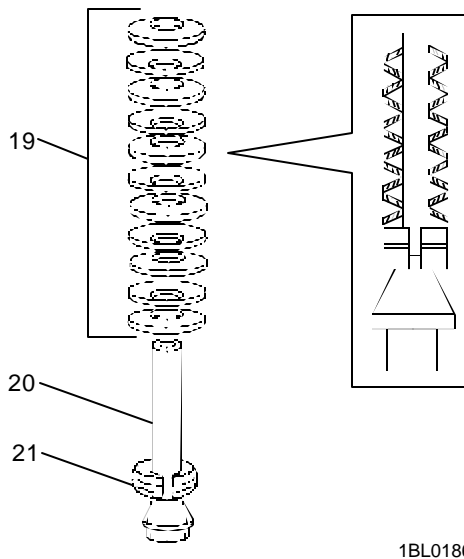
Place sleeve spacer (20) into buffer plug (23). Install braking buffer cone (22) with its base against buffer plug (23).

Place tapered surface of expansion ring (21) against tapered surface on braking buffer cone (22).



Apply light coat of lubricant to all eleven spring washers (19).

Install eleven spring washers (19) on sleeve spacer (20). Place the concave surface of the first washer against expansion ring (21). Check washer sequence diagram. Place second washer in the opposite direction with its convex surface against the first washer.



Place the concave surface of the third washer against the concave surface of the second washer.

Continue this sequence until all eleven washers (19) are assembled on sleeve spacer (20). Check assembled washers with spring washer sequence diagram.

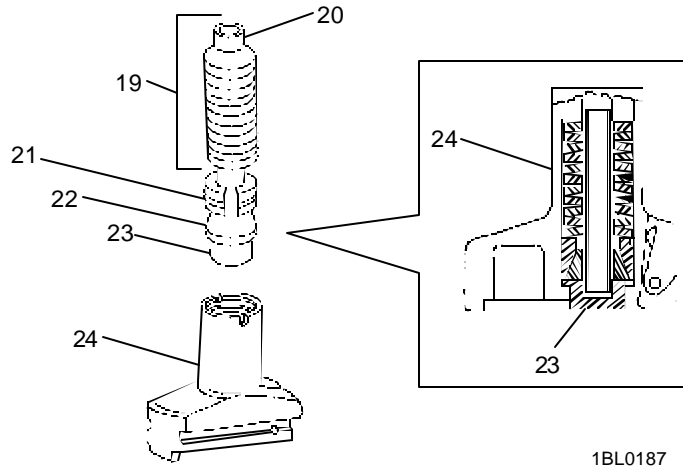
**DIRECT SUPPORT MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, NSN 1005-001-461-2658,
PN 12988986 AND BUTTSTOCK AND BUFFER ASSEMBLY, M240G, NSN 1005-01-408-5901,
PN 12976851 (cont)**

REASSEMBLY (cont)

CAUTION

Buffer plug (23) must protrude through the hole in the back plate (24).

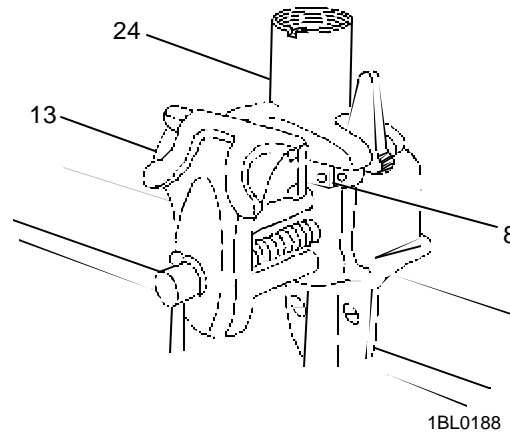
Install sleeve spacer (20), buffer plug (23), braking buffer cone (22), expansion ring (21), and spring washers (19) in back plate (24).



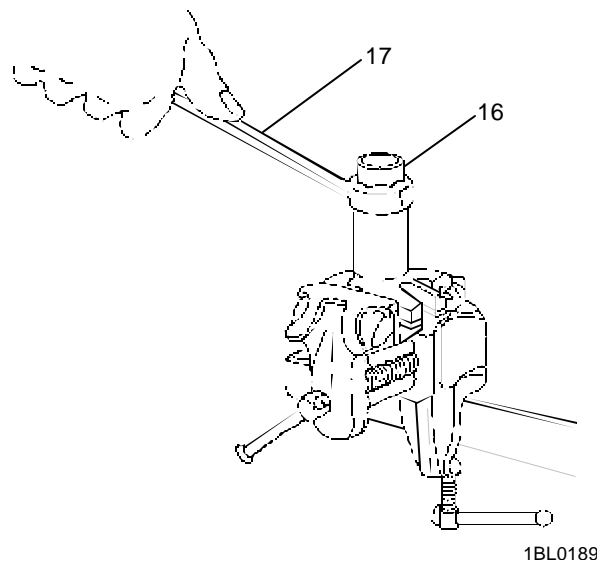
CAUTION

Do not over-tighten vise (13) on back plate (24).

Place back plate (24) in a vise (13) (with protective jaws) at the two forward ribs (8) and secure.

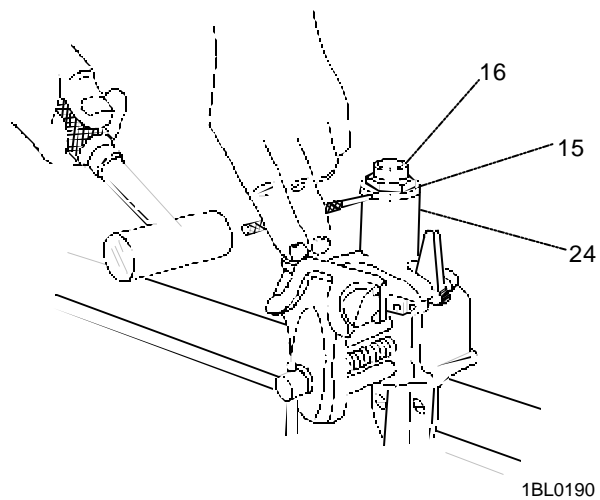


Install machine screw plug (16) and tighten securely with 23mm box and open end combination wrench (17) and back off as necessary to align hole.

**NOTE**

Back plate (24) and machine plug (16) are matched pairs and must be ordered as such.

(M240G): With punch, crimp the lip of new retaining washer tab (15) into recess notch in the back plate (24) to secure the buffer block bushing (16).



**DIRECT SUPPORT MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, NSN 1005-001-461-2658,
PN 12988986 AND BUTTSTOCK AND BUFFER ASSEMBLY, M240G, NSN 1005-01-408-5901,
PN 12976851 (cont)**

REASSEMBLY (cont)

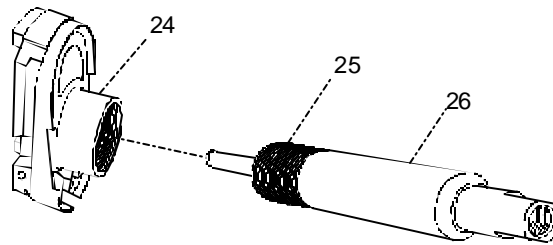
NEW STYLE BUFFER (M240B/M240N):

NOTE

Remove buffer only for replacement.

Apply LOCTITE to threads (25) of new buffer (26).

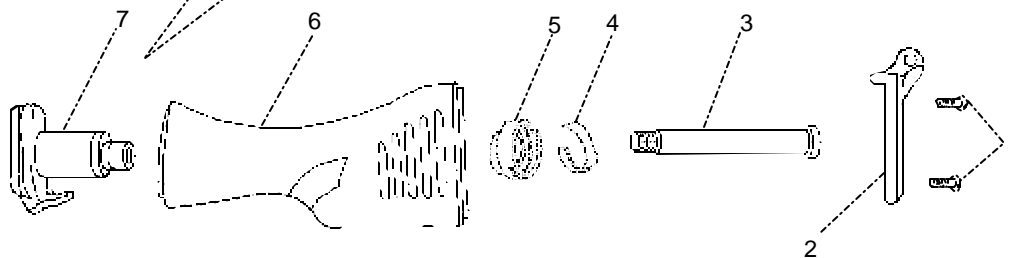
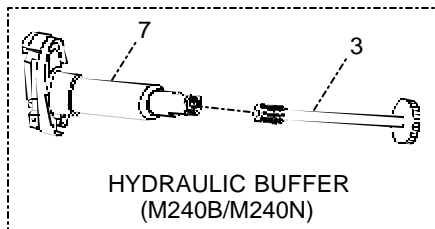
Screw new hydraulic buffer to back plate assembly (24). Allow one hour cure time for LOCTITE.



1BL0191

Install the buffer housing and plug assembly (7) into the front end of the buttstock (6); secure firmly with the butt securing screw (3). Visually ensure the locking ring (4) and securing screw bushing (5) are physically in place within the buttstock (6).

Attach the buttplate (2) using the two screws (1).



1BL0172

END OF WORK PACKAGE

**DIRECT SUPPORT MAINTENANCE OF BOLT AND OPERATING ROD ASSEMBLY
M240/M240C/M240E1, NSN 1005-033-3901, PN 11826070; M240B/M240D/M240G/M240H/M240N,
NSN 1005-01-413-6992, PN 12976866**

This task covers: Inspection/Repair

INITIAL SETUP

Equipment condition

Operating rod disassembled from bolt (WP 0013 00).

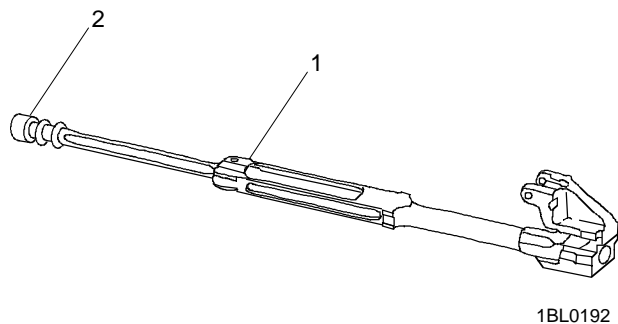
INSPECTION/REPAIR

NOTE

If bolt and/or operating rod assembly is replaced, perform headspace gaging (WP 0038 00).

Slight rotation of the piston end (2) of the operating rod assembly in its housing is normal and not a cause for rejection.

Inspect operating rod assembly (1) for bends, breaks, burrs, or cracks. Replace if damaged.



END OF WORK PACKAGE

DIRECT SUPPORT MAINTENANCE OF BOLT ASSEMBLY M240 SERIES, NSN N/A, PN 11826057

This task covers: a. Inspection b. Repair/Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SI-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Pin, Straight Headed, PN 11826047
Roller, Linear-Rotary, PN 11826042
Spring, Helical Comp., PN 11826046

Equipment Condition

Bolt assembly removed from operating rod
assembly (WP 0013 00).

INSPECTION

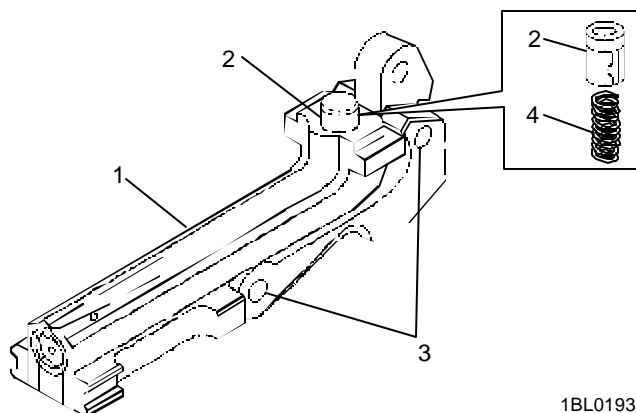
NOTE

If bolt and/or operating rod assembly is replaced, perform headspace gaging (WP 0038 00).

Visually inspect bolt assembly (1) for cracks. If bolt assembly is damaged, replace bolt assembly.

Check roller (2) for spring action and freedom of movement. Replace roller if damaged or missing. Replace spring (4) if weak or corroded.

Be sure all pivot points (3) move freely. If pivot points do not move freely, clean and lubricate. If this does not free the pivot points, replace the bolt assembly. Rivets of pivot points must be flush to surface and remain in position.



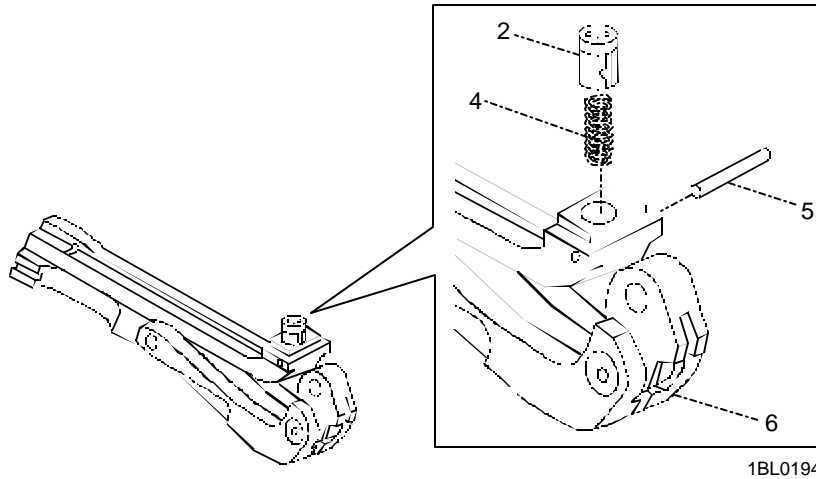
1BL0193

**DIRECT SUPPORT MAINTENANCE OF BOLT ASSEMBLY
M240 SERIES, NSN N/A, PN 11826057 (cont)**

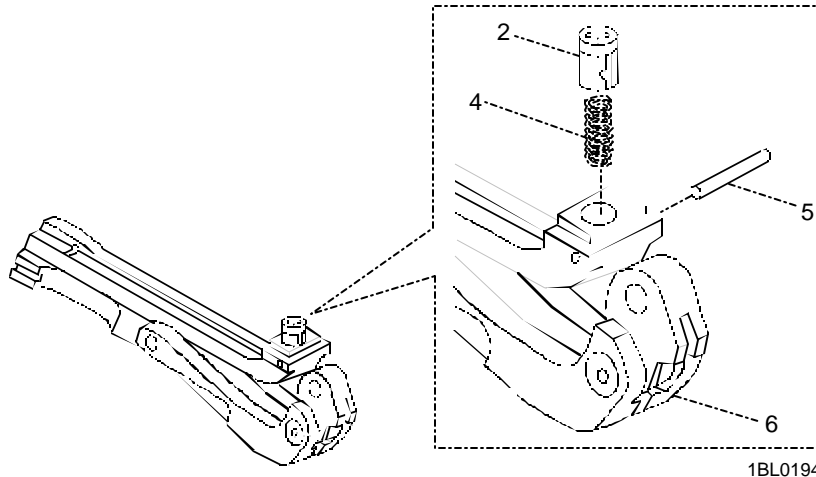
REPAIR/REASSEMBLY**NOTE**

If roller (2) is replaced, install new pin (5) and new spring (4).

Remove pin (5), roller (2), and spring (4) from breech bolt (6). Discard pin (5).



Install spring (4), roller (2), and new pin (5) into breech bolt (6).



END OF WORK PACKAGE

DIRECT SUPPORT MAINTENANCE OF TRIGGER HOUSING ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230; M240DM240H, NSN N/A, PN 12977108;
AND M240E1, NSN 1005-01-394-1928, PN 12597070

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Crocus abrasive cloth (item 3, WP 0074 00)
 Nut, Self-locking, PN MS21083-C6
 Wiping rag (item 11, WP 0074 00)

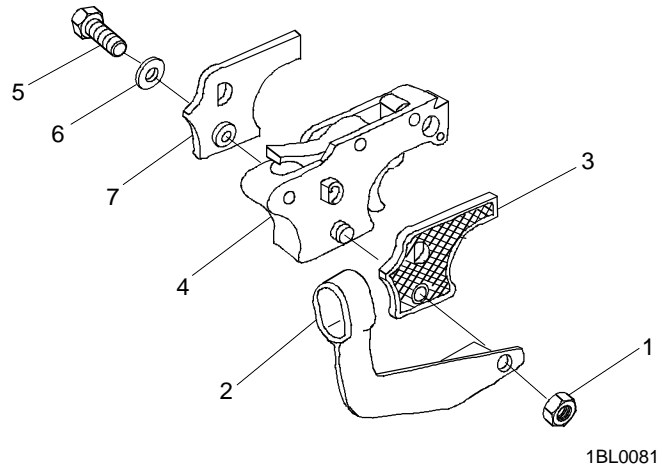
Equipment Condition

Trigger housing assembly removed from
 weapon (TM 9-1005-313-10).

NOTE

Charger cable guide and flat washer are only on the M240 and M240C models.

Unscrew and discard self-locking nut (1), and remove charger cable guide (2) and right grip (3) from trigger housing (4). Remove hex head machine bolt (5), flat washer (6), and left hand grip (7) from trigger housing (4).



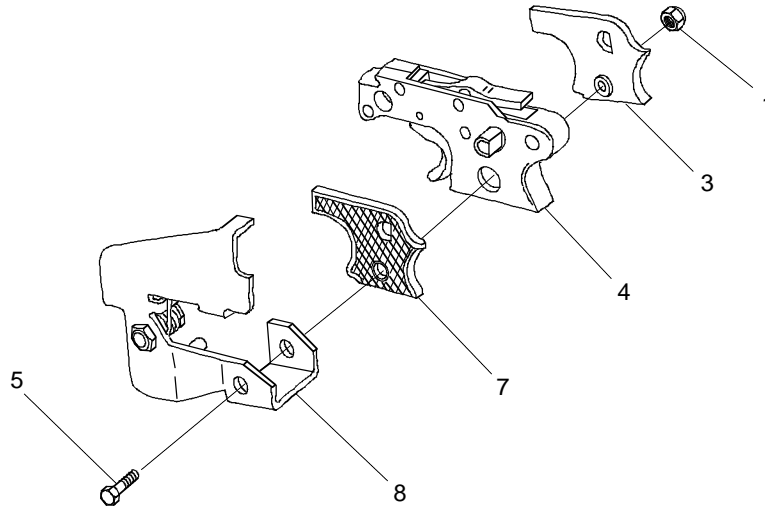
DIRECT SUPPORT MAINTENANCE OF TRIGGER HOUSING ASSEMBLY

M240/M240C, NSN 1005-01-440-8010, PN 11826230; M240D/M240H, NSN N/A, PN 12977108;
AND M240E1, NSN 1005-01-394-1928, PN 12597070 (cont)

DISASSEMBLY (cont)**NOTE**

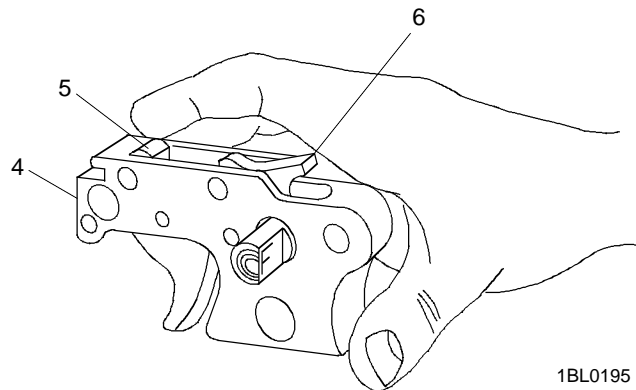
The trigger actuating assembly is on the M240D and M240E1 models (WP 0017 00).

Unscrew and discard self-locking nut (1), and remove right grip (3). Remove hex head machine bolt (5), trigger actuating assembly (8), and left hand grip (7) from trigger housing (4).



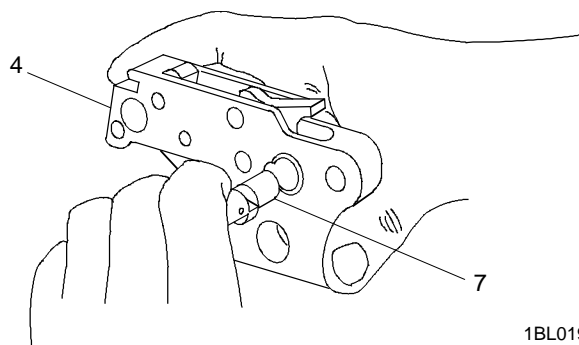
1BL0082

Pull back on tripping lever (5) inside trigger housing (4) and raise sear (6).

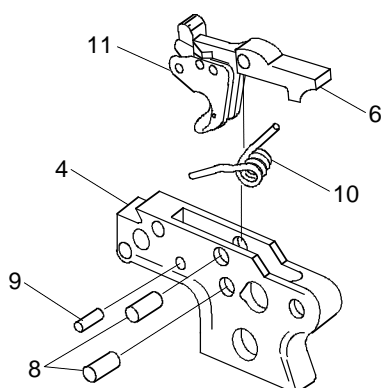


1BL0195

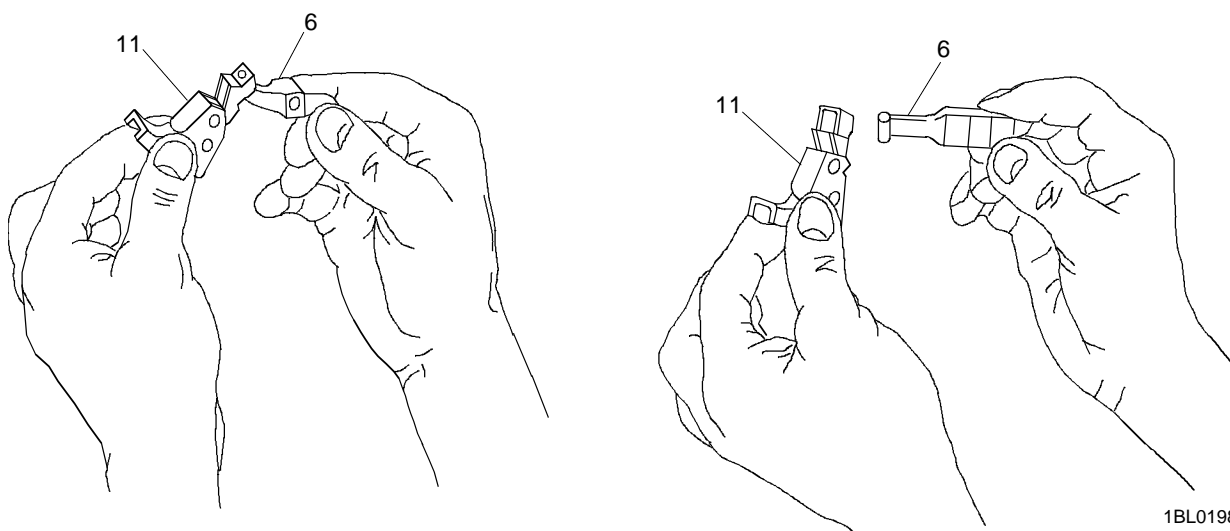
Rotate safety (7) a quarter turn clockwise (as viewed from left side). Letters "S" and "F" will face downward. Pull safety (7) through trigger housing (4) from right to left.



Remove three headless straight pins (8) and (9), and remove sear (6), sear spring (10), and trigger (11) from trigger housing (4).



Separate sear (6) and trigger (11) by giving sear one quarter turn, freeing it from slot in lever.



DIRECT SUPPORT MAINTENANCE OF TRIGGER HOUSING ASSEMBLY

**M240/M240C, NSN 1005-01-440-8010, PN 11826230; M240D/M240H, NSN N/A, PN 12977108;
AND M240E1, NSN 1005-01-394-1928, PN 12597070 (cont)**

INSPECTION/REPAIR

Inspect front edge of trigger (11). Replace if chipped or if burrs cannot be removed.

Pull tripping lever (5) rearward. Replace trigger (11) if tripping lever does not return to position without binding.

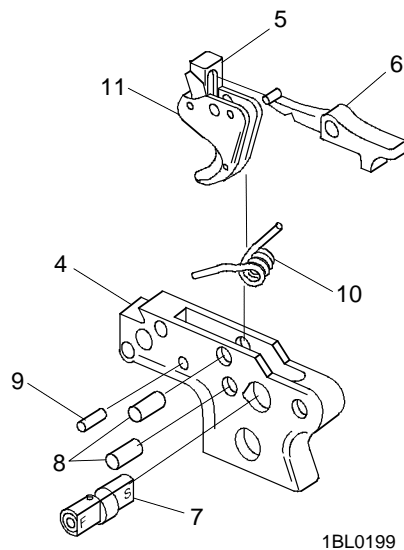
Check safety (7) for burrs, damaged detent, or distorted lettering. Replace if burrs cannot be removed with crocus cloth (item 3, WP 0074 00) or safety is damaged.

Check headless straight pins (8 and 9) and replace if bent.

Check sear (6) and replace if broken, cracked or worn.

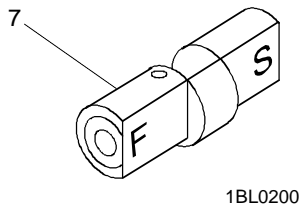
Check sear spring (10) and replace if broken or distorted.

Check trigger housing (4) and replace if broken, cracked, or holes are elongated.

**LUBRICATION**

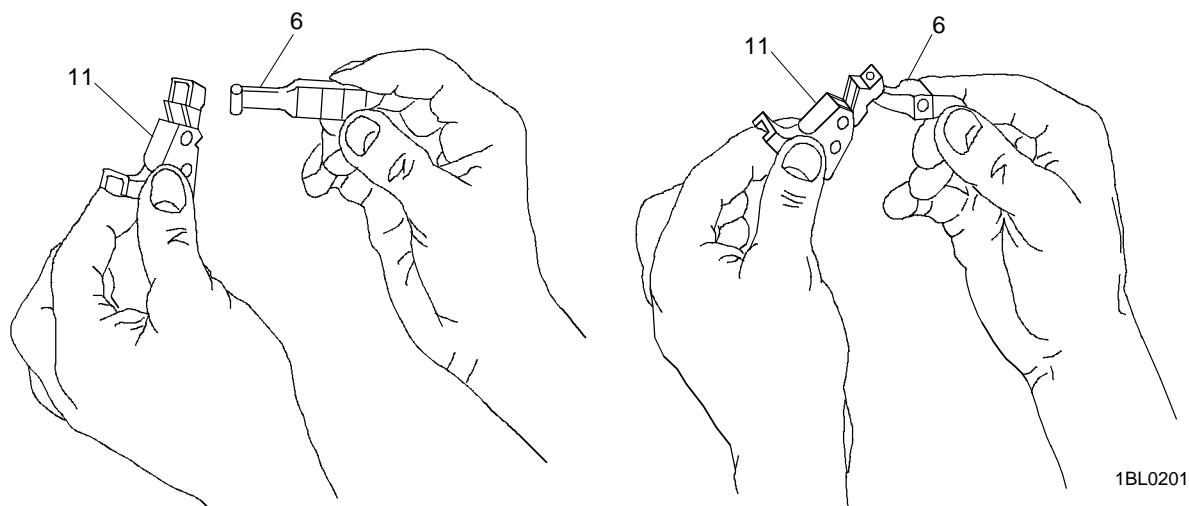
Lightly lubricate all metal parts after cleaning.

Take care to be sure safety (7) is clean and lightly lubricated.



REASSEMBLY

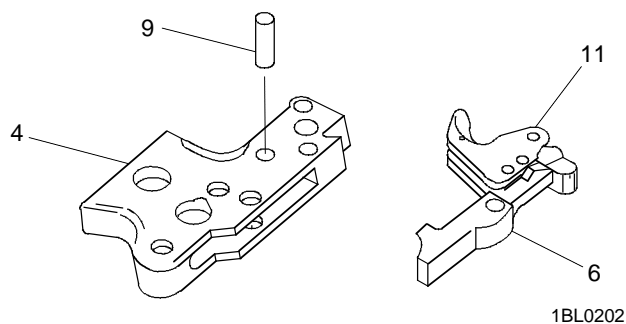
Insert sear (6) into slot in trigger (11) sideways. Give the sear a quarter turn, as viewed from left side, polished end upward.



1BL0201

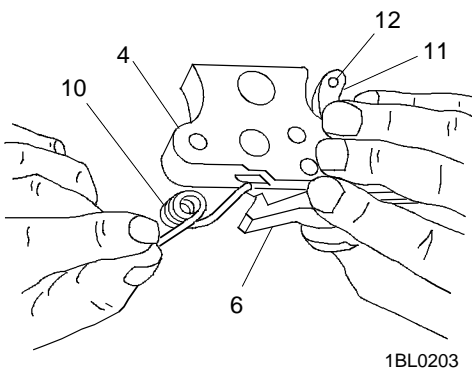
Place trigger housing (4) on its side on a flat surface.

Lower sear (6) and trigger (11) into trigger housing (4). Grasping trigger, press it forward against the inner front edge of housing. This action will push backward on the lever allowing the trigger to slide into place. Align holes in trigger (11) and trigger housing (4). Insert headless straight pin (9).



1BL0202

Insert sear spring (10), with leg pointing forward, into trigger housing (11). The lower tip of sear spring (10) must bear against riveted pin (12) across the back of trigger (11) when trigger is later rotated rearward.



1BL0203

DIRECT SUPPORT MAINTENANCE OF TRIGGER HOUSING ASSEMBLY

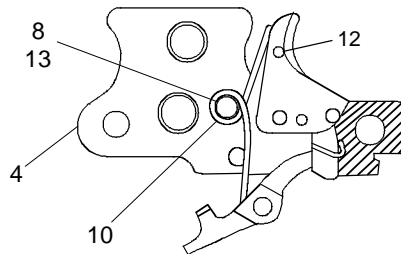
**M240/M240C, NSN 1005-01-440-8010, PN 11826230; M240D/M240H, NSN N/A, PN 12977108;
AND M240E1, NSN 1005-01-394-1928, PN 12597070 (cont)**

REASSEMBLY (cont)**NOTE**

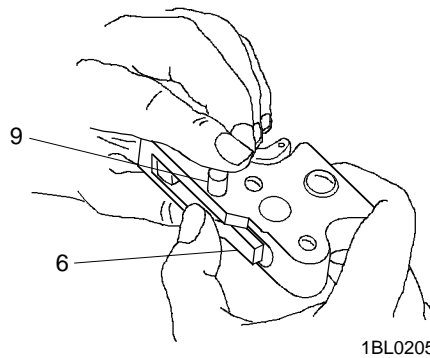
Be sure leg of sear spring (10) is in groove of sear (6) and behind riveted pin (12) as shown.

This illustration is a cutaway view of the trigger housing.

Install one headless straight pin (8) in pin hole (13) in trigger housing (4) and through sear spring (10).



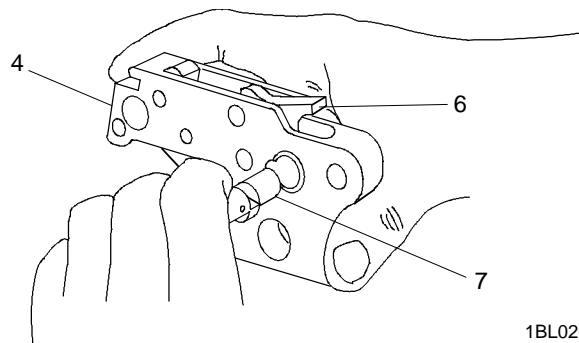
Lower sear (6) compressing sear spring and install headless straight pin (9).



1BL0205

Holding trigger housing (4), ensure sear (6) is in raised position, insert safety (7) from left to right with the letter "S" first and facing down. Detent remains outside housing.

Rotate safety (7) a quarter turn so letters "S" and "F" face rearward.

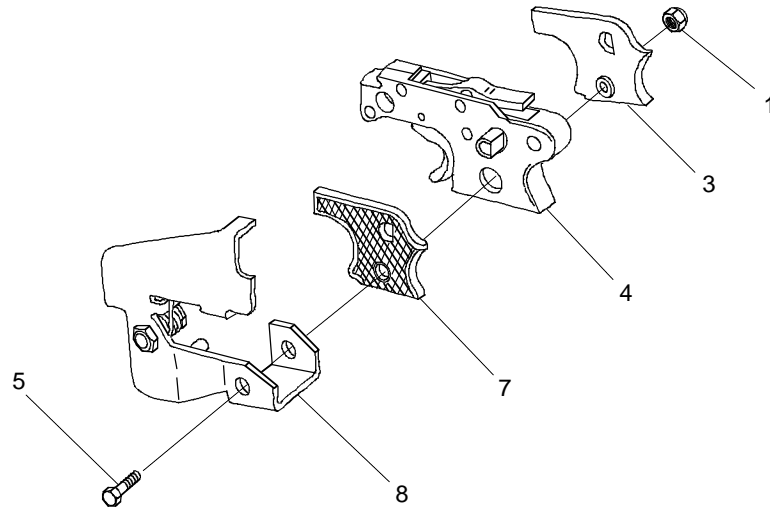


1BL0206

NOTE

The trigger actuating assembly is on the M240D, M240E1, and M240H models (WP 0017 00).

Install left grip (7) and trigger actuating assembly (8) in trigger housing (4). Install right grip (3), securing with hex head machine bolt (5) and new self-locking nut (1).



1BL0082

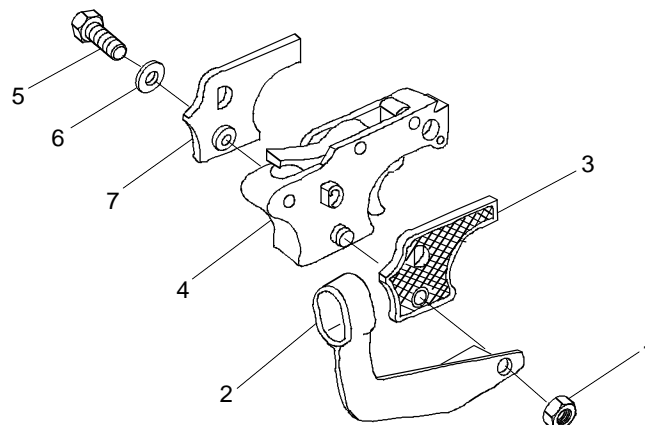
NOTE

Charger cable guide and flat washer are only on the M240 and M240C models.

Install right grip (3) and charger cable guide (2) on right side of trigger housing (4).

Install left grip (7), flat washer (6), and hex head machine bolt (5).

Secure with new self-locking nut (1).



1BL0081

END OF WORK PACKAGE

DIRECT SUPPORT MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240B/M240G/M240N, NSN 1005-01-408-6669, PN 12976869

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-2-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

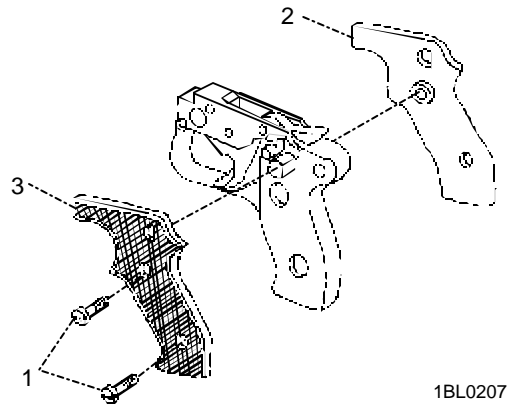
Crocus abrasive cloth (item 3, WP 0074 00)
 Wiping rag (item 11, WP 0074 00)

Equipment Condition

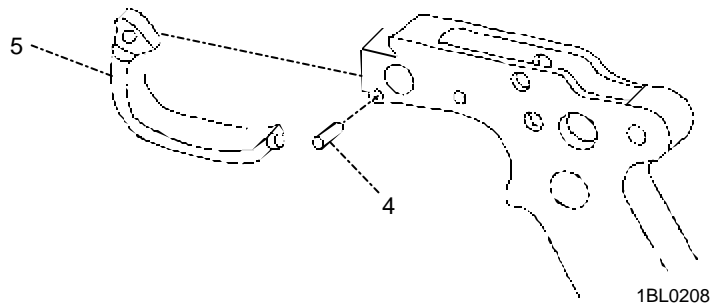
Trigger housing assembly removed from
 weapon (TM 9-1005-313-10).

DISASSEMBLY

Use a flat tipped screwdriver to remove the two grip screws (1) holding the right (2) and left (3) grips in place.

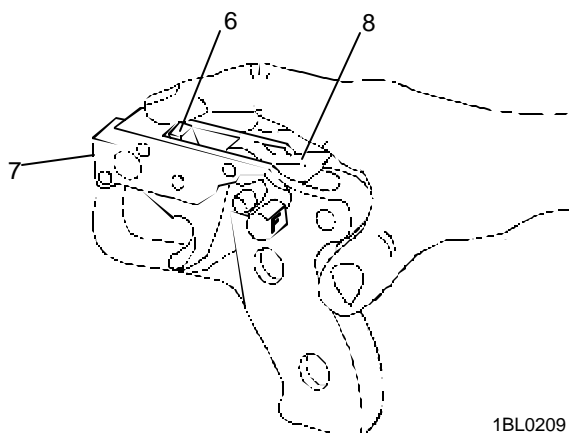


Remove trigger guard pin (4) and trigger guard (5) from the trigger housing assembly only if trigger guard is damaged.

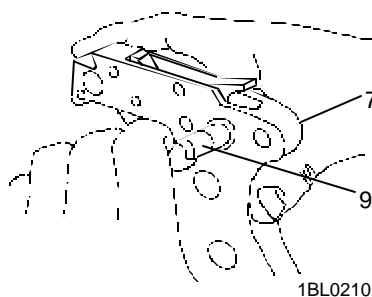


**DIRECT SUPPORT MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240B/M240G/M240N, NSN1005-01-408-6669, PN 12976869 (cont)**

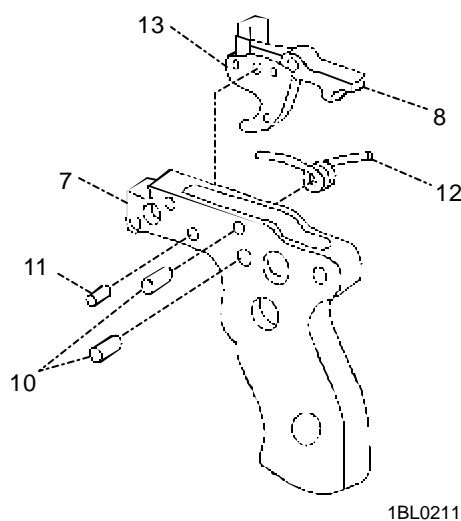
Pull back on tripping lever (6) inside trigger housing (7) and raise sear (8).



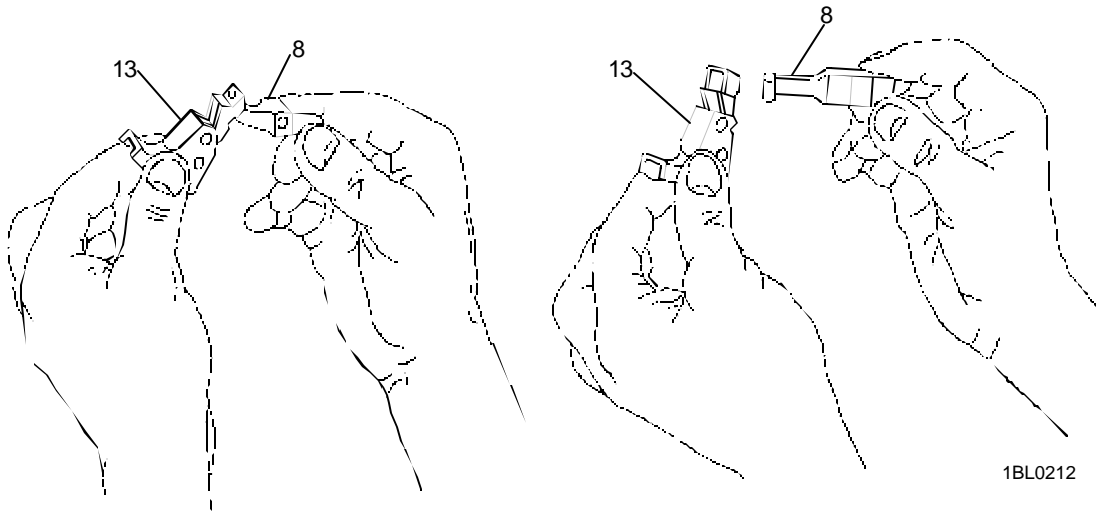
Rotate safety (9) a quarter turn clockwise (as viewed from the left side). Letters "S" and "F" will face downward. Pull safety (9) through trigger housing (7) from right to left.



Remove three headless straight pins (10 and 11). Remove sear (8), sear spring (12), and trigger (13) from trigger housing (7).



Separate sear (8) and trigger (13) by giving sear one-quarter turn, freeing it from the slot in the lever.



INSPECTION/REPAIR

Inspect front edge of trigger (1). Replace if chipped or if burrs can not be removed.

Pull tripping lever (4) rearward. Replace trigger (13) if tripping lever does not return to position without binding.

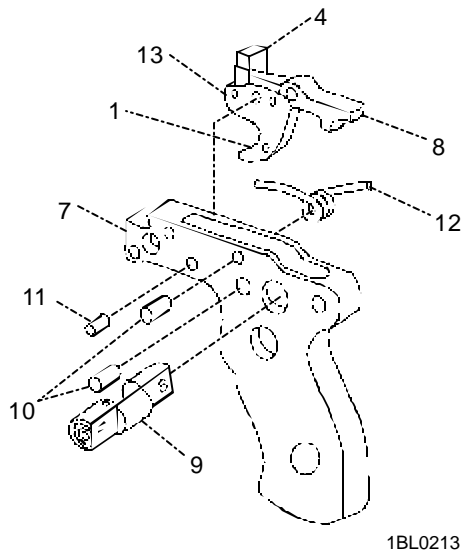
Check safety (9) for burrs, damaged detent, or distorted lettering. Replace if burrs cannot be removed with crocus cloth or if safety is damaged or letters distorted.

Check the headless straight pins (10 and 11) and replace if bent.

Check sear (8) and replace if broken, cracked, or worn.

Check spring (12) and replace if broken or distorted.

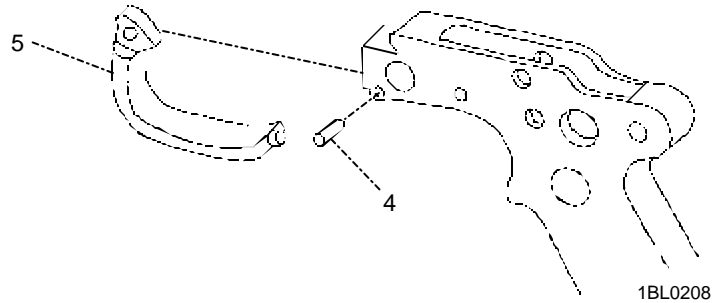
Check trigger housing (7) and replace if broken, cracked, or if holes are elongated.



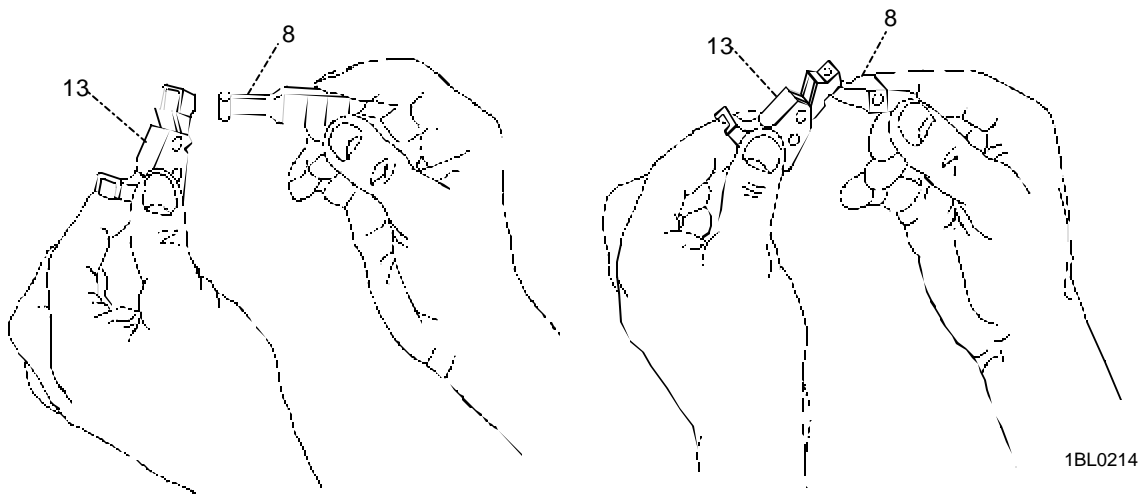
**DIRECT SUPPORT MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240B/M240G/M240N, NSN1005-01-408-6669, PN 12976869 (cont)**

Inspect trigger guard (5) and trigger guard pin (4) and replace if cracked or bent.

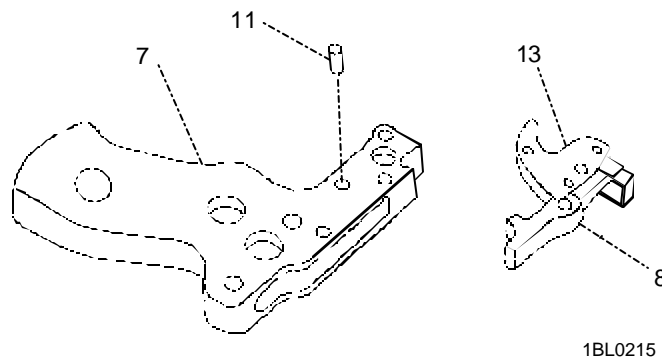
Check grips and replace if cracked or broken.

**REASSEMBLY**

Ensure all metal parts are lightly lubricated. Insert sear (8) into lever slot in trigger (13) sideways. Give the sear a quarter turn, as viewed from the left side, polished side up.

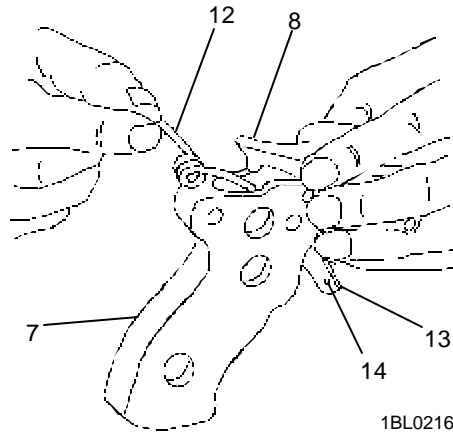


Place trigger housing (7) on its side on a flat surface.



Lower sear (8) and trigger (13) into trigger housing (7). Grasping trigger, press it forward against the inner front edge of housing. This action will push backward on the lever allowing the trigger to slide into place. Align the holes in trigger (13) and trigger housing (7). Insert headless straight pin (11).

Insert sear spring (12), with leg pointing forward, into trigger (13). The lower tip of sear spring (12) must bear against the riveted pin (14) across the back of trigger (13) when trigger is later rotated rearward.

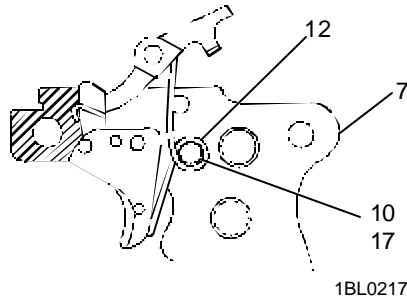


NOTE

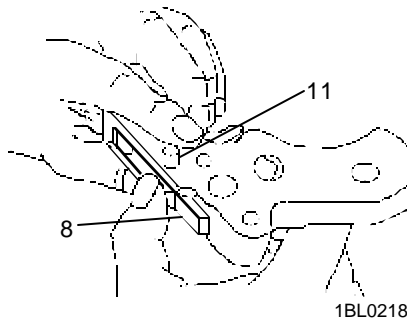
Be sure leg of sear spring (12) is in groove of sear (8) and behind riveted pin (14) as shown.

This illustration is a cutaway view of the trigger housing.

Install one headless straight pin (10) in pin hole (17) in trigger housing (7) and through sear spring (12).



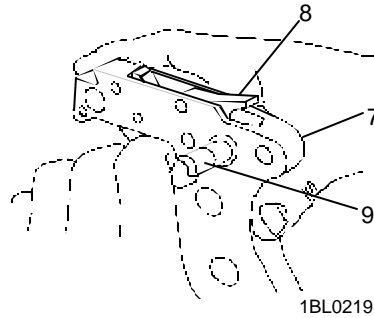
Lower sear (8) compressing sear spring and install headless straight pin (11).



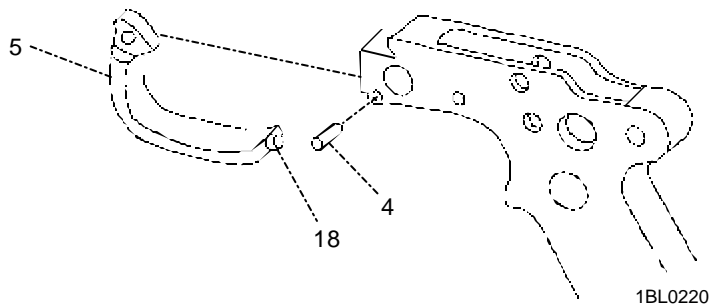
**DIRECT SUPPORT MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240B/M240G/M240N, NSN1005-01-408-6669, PN 12976869 (cont)**

Holding trigger housing (7), ensuring sear (8) is in raised position, insert safety (9) from left to right with letter "S" first and facing down. Detent remains outside housing.

Rotate safety (9) a quarter turn so that the letters "S" and "F" face rearward.

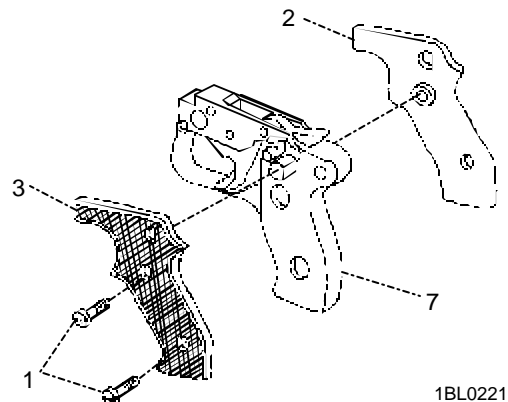


Insert tab (18) on the rear of the trigger guard (5) into the appropriate detent in the trigger housing assembly. Align the holes in the trigger guard and trigger housing assembly and insert the trigger guard pin (4).



Place right (2) and left (3) grips in proper position on the trigger housing (7).

Install screws (1) and tighten securely, being careful not to over-tighten the screws.



END OF WORK PACKAGE

DIRECT SUPPORT MAINTENANCE OF COVER ASSEMBLY
M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;
M240/M240B/M240D/M240E1/M240G/M240H/M240N, NSN N/A, PN 12977101

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Crocus abrasive cloth (item 3, WP 0074 00)
 Weapons lubricating oil (as required)

Equipment Condition

Cover assembly removed (TM 9-1005-313-10).

DISASSEMBLY

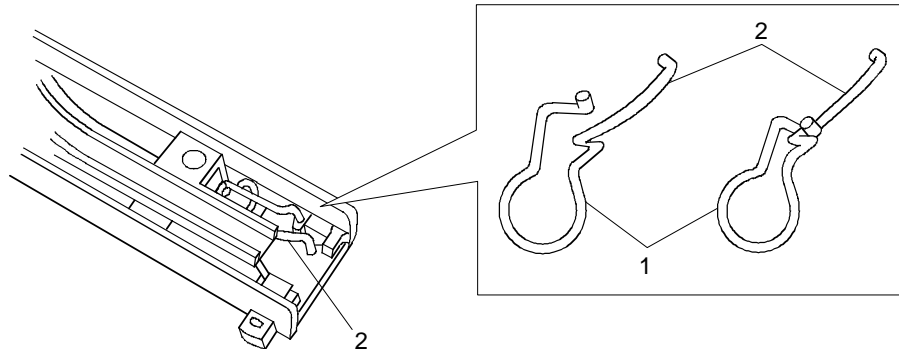
WARNING

Hold hand over retaining clip when engaging or disengaging leg, or retaining clip will fly off pivot post.

NOTE

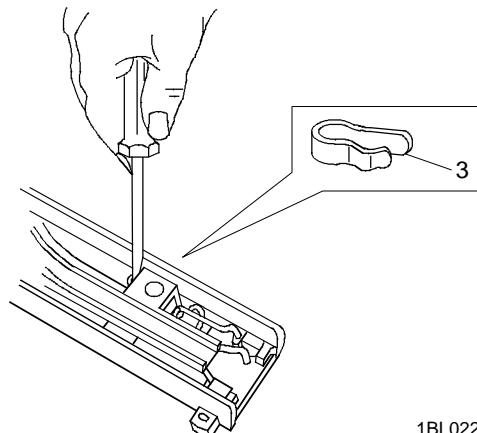
Procedures are written for M240 cover assembly but apply to all cover assemblies.

Hold retaining clip (1) so it will not rotate. Lift straight leg (2) and engage it in the hook of its opposite leg



1BL0222

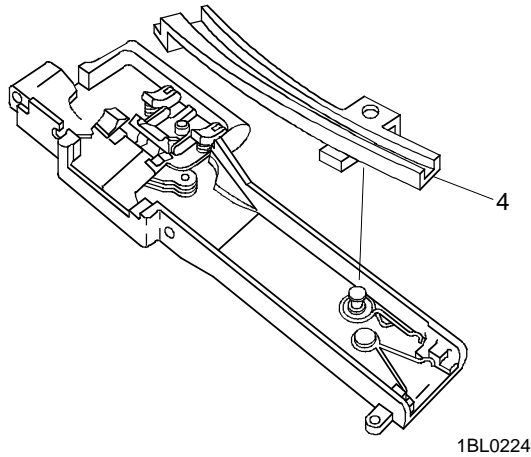
Use screwdriver to remove spring tension lock pin (3).



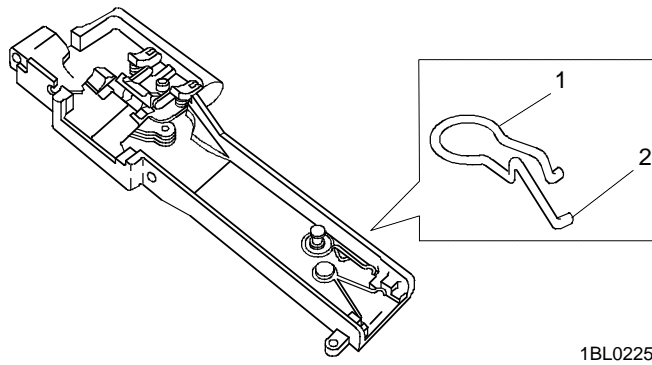
1BL0223

DIRECT SUPPORT MAINTENANCE OF COVER ASSEMBLY**M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;****M240/M240B/M240D/M240E1/M240G/M240H/M240N, NSN N/A, PN 12977101 (cont)**

Remove feed lever (4).

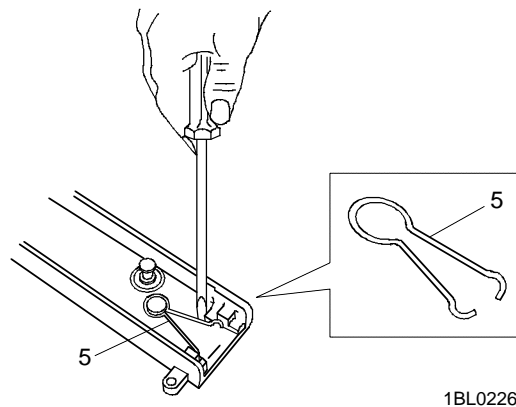


Disengage straight leg (2) from hooked leg of retaining clip (1) and remove.

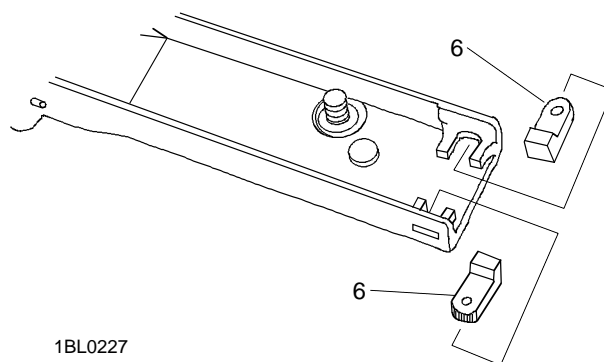
**WARNING**

Hold hand over retaining clip when engaging or disengaging leg, or retaining clip will fly off pivot post.

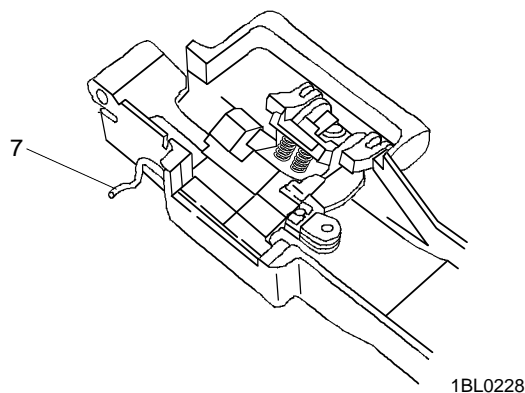
Insert the blade of screwdriver under one leg of retaining clip (5). Apply slight pressure on the leg of the clip and raise it by turning the screwdriver against the wall of the cover. Remove retaining clip (5).



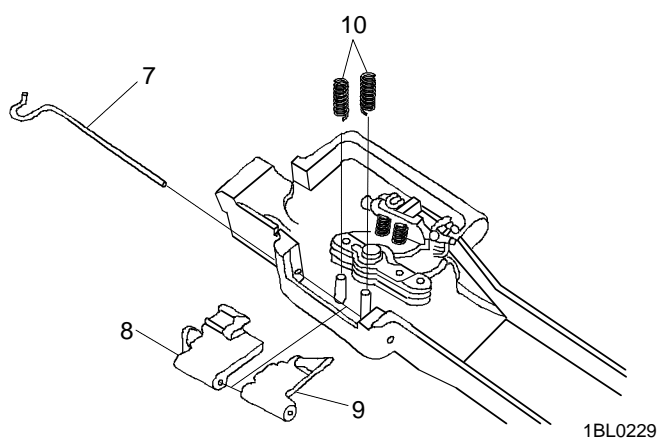
Remove two cover latches (6).



Unlock pawl retaining pin (7) from notch in cover.



Apply slight pressure downward between front and rear cartridge guides (8 and 9) and remove pawl retaining pin (7), rear cartridge guide (9), one helical compression spring (10), front cartridge guide (8), and other helical compression spring (10).



DIRECT SUPPORT MAINTENANCE OF COVER ASSEMBLY

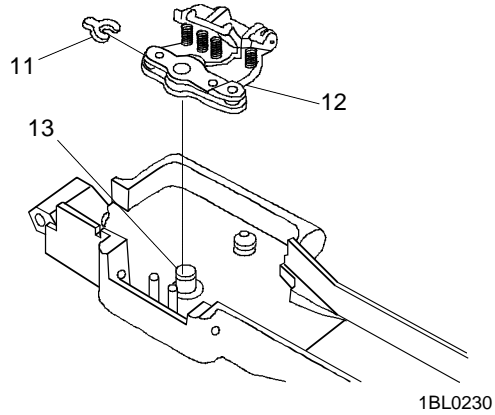
M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;

M240/M240B/M240D/M240E1/M240G/M240H/M240N, NSN N/A, PN 12977101 (cont)

Remove retaining ring (11) and lift feed pawl assembly (12) off feed pawl pivot post (13).

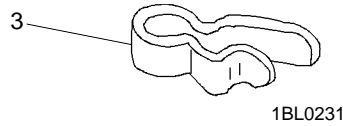
NOTE

The M240C feed pawl assembly is removed in the same way.

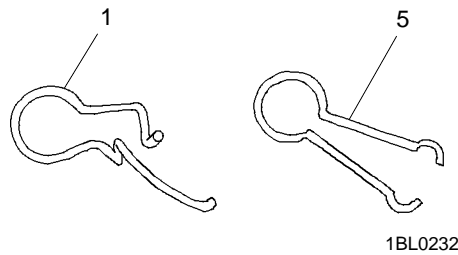


INSPECTION /REPAIR

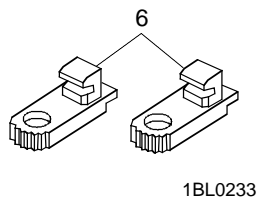
Replace spring tension lock pin (3) if it is weak, deformed, or burred.



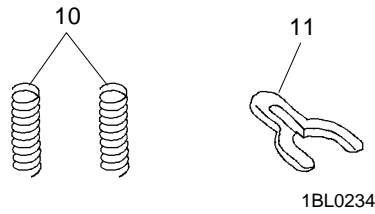
Replace retaining clips (1 and 5) if either is deformed or has lost its spring tension.



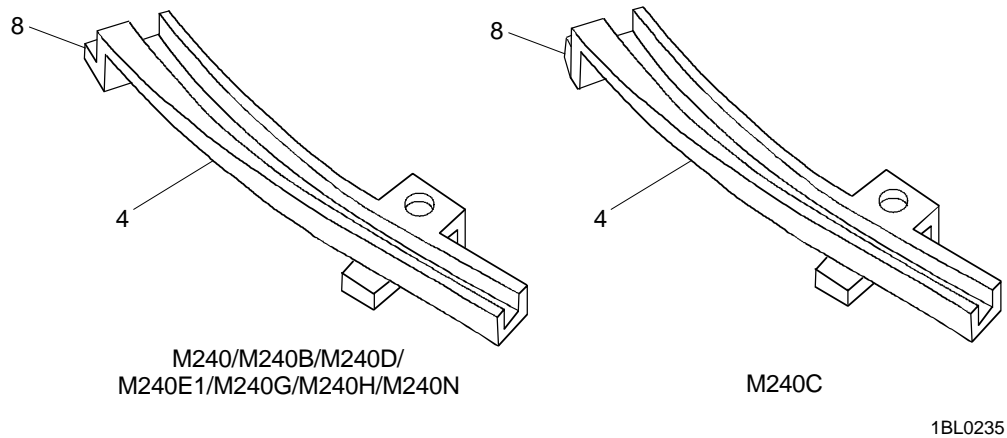
Replace cover latch (6) if cracked or burrs can not be removed.



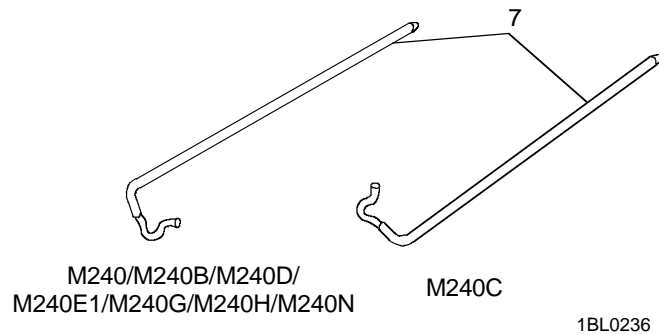
Replace both helical compression springs (10) if one or both are cracked, broken, or have taken a permanent set. Replace retaining ring (11) if broken or cracked.



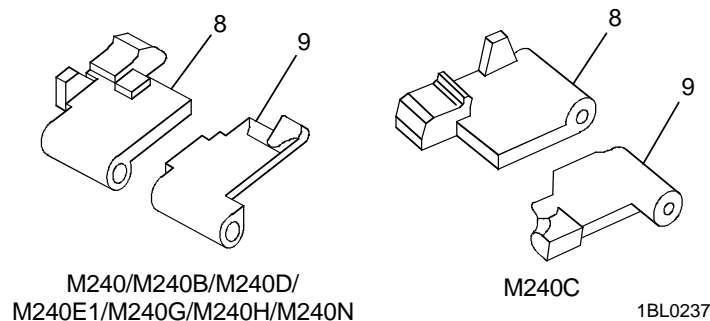
Replace feed lever (4) if channel is distorted, cracked, or rippled or if pivot hole is elongated or enlarged. Remove burrs with crocus cloth (item 3, WP 0074 00), or replace if fork end (8) has burrs in the roller area.



Replace pawl retaining pin (7) if it does not hold securely.

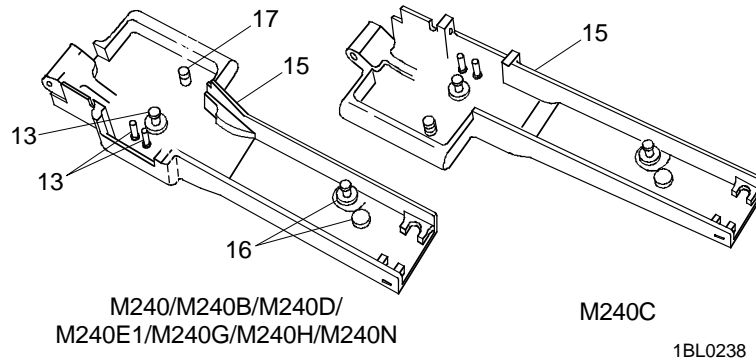


Replace rear cartridge guide (8) and front cartridge guide (9) if they are worn, bent, broken, or have burrs or cracks.



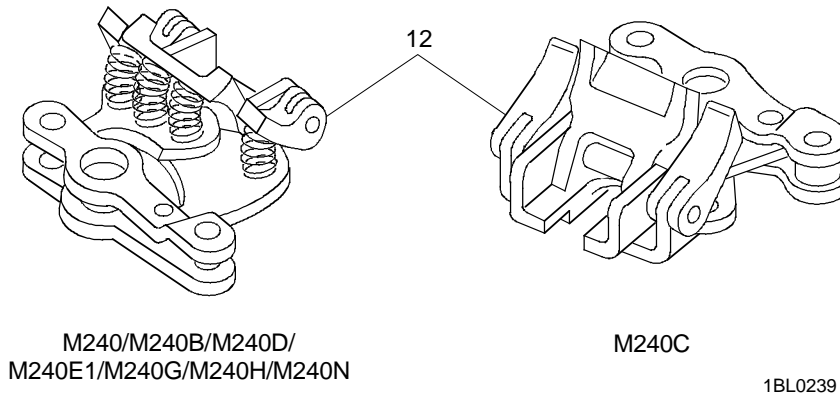
DIRECT SUPPORT MAINTENANCE OF COVER ASSEMBLY**M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;****M240/M240B/M240D/M240E1/M240G/M240H/M240N, NSN N/A, PN 12977101 (cont)**

Replace cover (15) if it is distorted, cracked, or if malfunction would occur if burrs were removed.
 Replace cover if posts (13) or pivots (16) are loose, if roller (17) binds or if malfunction would occur if burrs were removed.

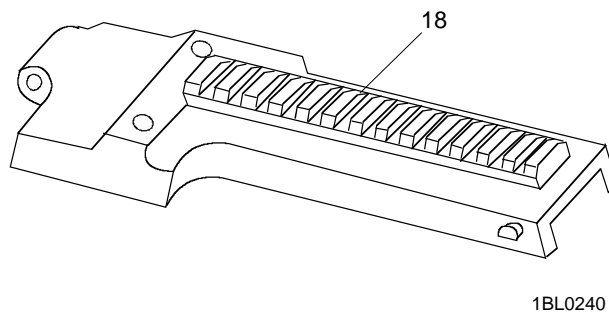


Replace feed pawl assembly (12) if pawl has distortions, cracks, or is excessively burred or worn.

Lightly lube all parts before reassembly.

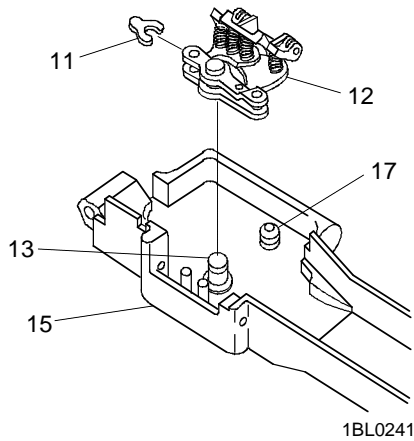


(M240/M240B/M240D/M240E1/M240G/M240H/M240N): Inspect accessory mounting rail (18) for nicks or burrs. If nicks or burrs prevent proper attachment of optional sighting equipment, replace cover assembly.

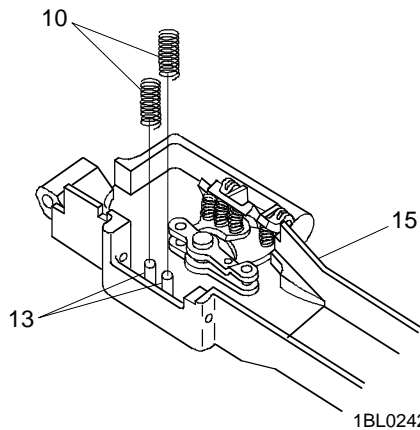


REASSEMBLY

Install feed pawl assembly (12) on feed pawl pivot post (13) in cover (15). Be sure feed pawl roller (17) is in well behind feed pawl assembly (12). Secure retaining ring (11) in place on feed pawl pivot post (13).

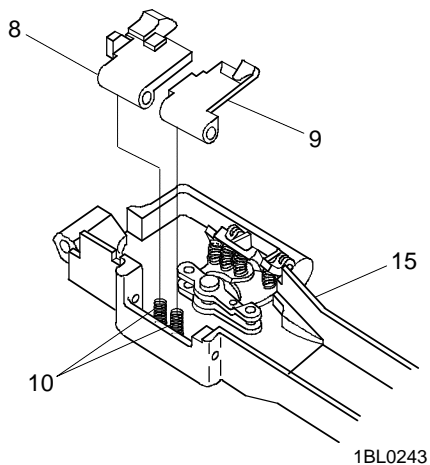


Install two helical compression springs (10) on spring guide posts (13) in cover (15).

**NOTE**

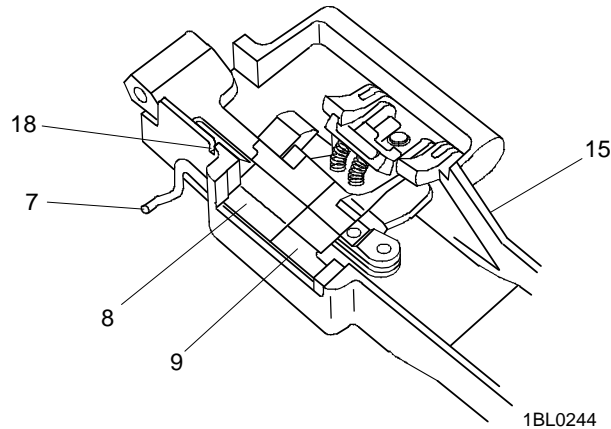
Front cartridge guide (8) must overlap rear cartridge guide (9).

Place rear cartridge guide (9) and front cartridge guide (8) in cover opening with spring wells toward cover (15) and over helical compression springs (10).

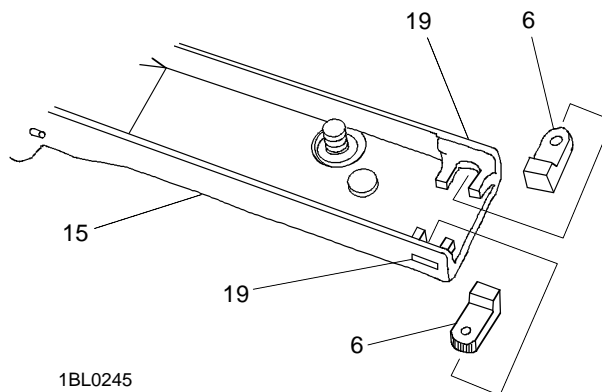


DIRECT SUPPORT MAINTENANCE OF COVER ASSEMBLY**M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;****M240/M240B/M240D/M240E1/M240G/M240H/M240N, NSN N/A, PN 12977101 (cont)**

Align pawl retaining pin hole in cartridge guides (8 and 9) and cover (15). Apply pressure downward, and insert pawl retaining pin (7) through cover (15) and cartridge guides (8 and 9) from front to rear. Lock pawl retaining pin (7) into slot (18) of cover (15).

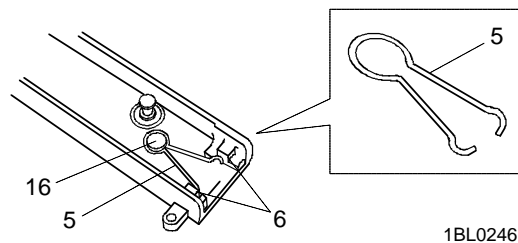


Insert two cover latches (6) into slots (19) at rear of cover (15).

**WARNING**

Hold hand over retaining clip when engaging or disengaging leg, or retaining clip will fly off pivot post.

Place one leg of retaining clip (5) in slot of cover latch (6) and place loop over pivot post (16). Push the other leg into the slot of other cover latch (6).



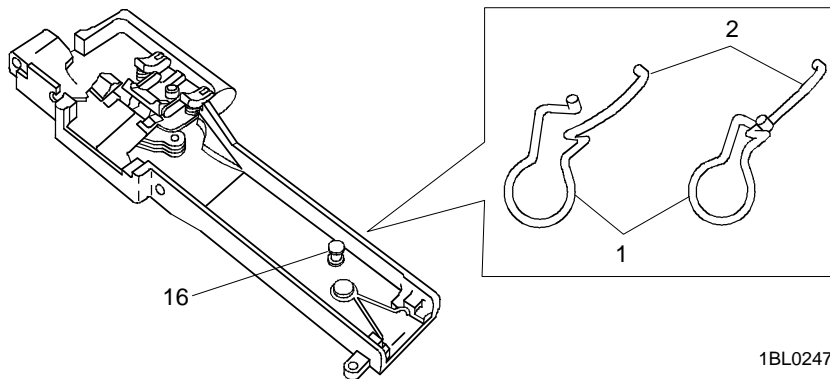
WARNING

Hold hand over retaining clip when engaging or disengaging leg, or retaining clip will fly off pivot post.

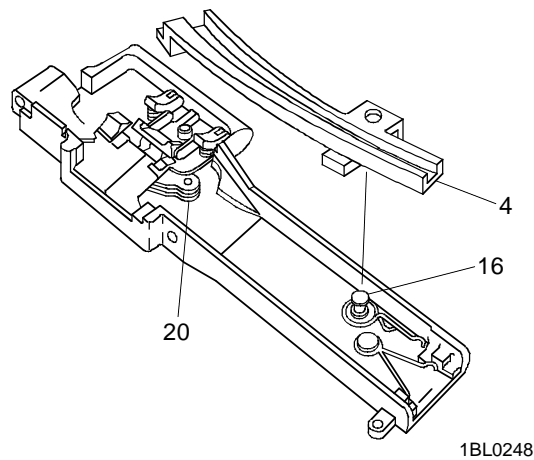
Install loop of retaining clip (1) over feed lever pivot (16) with legs pointing rearward. Hook straight leg of retaining clip behind the hooked leg making sure loop is tightened around feed lever pivot.

NOTE

Be sure loop of retaining clip (16) is seated properly in well.



Install lever (4) on feed lever pivot (16). At the same time, engage fork into feed pawl roller (20). Be sure feed lever is flush with top of feed lever pivot (16).



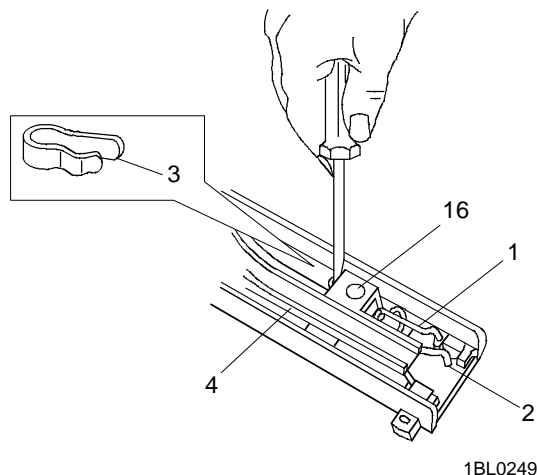
DIRECT SUPPORT MAINTENANCE OF COVER ASSEMBLY**M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;****M240/M240B/M240D/M240E1/M240G/M240H/M240N, NSN N/A, PN 12977101 (cont)**

Install spring tension lock pin (3) with legs pointed rearward and the loop of clip toward feed lever (4), and push into position on feed lever pivot (16).

NOTE

Spring tension lock pin (3) will click when properly secured.

Unlock the straight leg (2) of retaining clip (1) from hooked leg. Position straight leg on groove of feed lever (4).

**END OF WORK PACKAGE**

DIRECT SUPPORT MAINTENANCE OF FEED PAWL ASSEMBLY
M240/M240B/M240D/M240E1/M240G/M240N, NSN 3040-01-033-1501, PN 11826177
M240C, NSN 3040-01-091-0682, PN 11826017

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Weapons lubricating oil (as required).

Equipment Condition

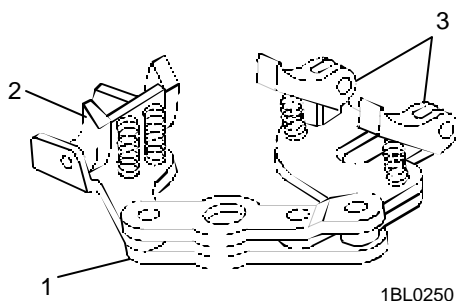
Feed pawl assembly removed (WP 0033 00).

DISASSEMBLY

NOTE

Procedures are written for M240 feed pawl assembly, but apply to all feed pawl assemblies.

Spread feed pawl assembly (1) and separate feed pawl (2) from holding pawls (3).

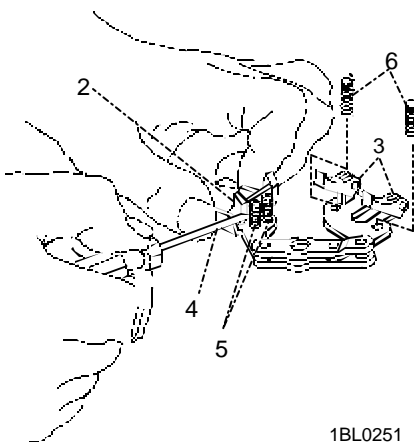


NOTE

Feed and holding pawl springs are removed and installed the same way. Remove and assemble one set of springs before removing other set.

Holding onto feed pawl (2) (or holding pawls (3)), insert the tip of screwdriver (4) between the first and second coils of spring (5 and 6) just below feed pawl (2) (or holding pawls (3)).

Apply slight pressure with screwdriver (4) and remove spring (5).



DIRECT SUPPORT MAINTENANCE OF FEED PAWL ASSEMBLY
M240/M240B/M240D/M240E1/M240G/M240N, NSN 3040-01-033-1501, PN 11826177
M240C, NSN 3040-01-091-0682, PN 11826017 (cont)

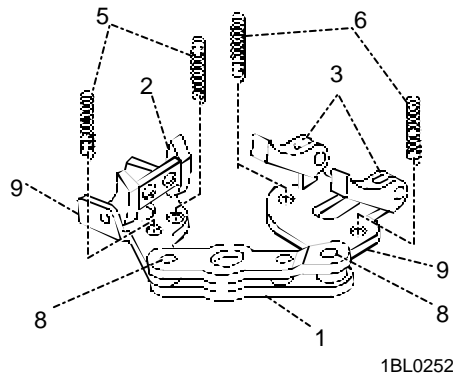
INSPECTION/REPAIR

Check feed pawl assembly (1) for completeness. Rollers (8) must be free of burrs. Pawls (2 and 3) must be free of burrs and cracks. Linkage arms (9) must be free of distortion and cracks. If not, replace feed pawl assembly (1).

NOTE

Springs (5) or springs (6) shall be replaced as a set.

Check springs (5 and 6) and replace those that are cracked, broken, or have taken a permanent set.



REASSEMBLY

NOTE

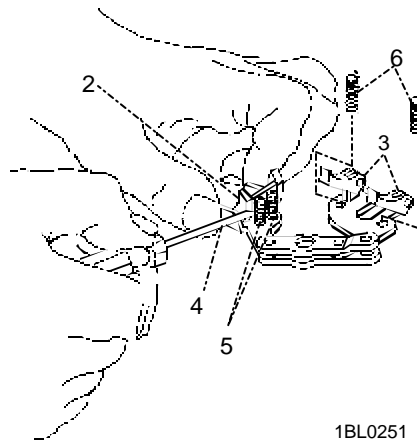
Feed and holding pawl springs are removed and installed the same way. Remove and assemble one set of springs before removing other set.

Feed pawl springs (5) are 9 1/2 coils long. Holding pawl springs (6) are 12 3/4 coils long.

Be sure coils of feed pawl springs (5) are seated in well of feed pawl (2).

Install one end of spring (5) into well of feed pawl (2).

Hold feed pawl (2) (or holding pawls (3)) and feed pawl spring (5) (or holding pawl spring (6)) and insert screwdriver (4) between last coils of exposed feed pawl springs (5) (or holding pawl spring (6)) and compress to slip into well of feed pawl (2) (or holding pawls (3)). Install other feed pawl spring (5) (or holding pawls (3)) in the same way.



END OF WORK PACKAGE

DIRECT SUPPORT MAINTENANCE OF RECEIVER ASSEMBLY**M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;****M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;****M240G, NSN N/A, PN 12997566; M240N, NSN N/A, PN 12976834**

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP**Tools and Special Tools**

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)
 Tool, Disassembly, Cover Detent Plunge
 (item 8, WP 0042 00)

Materials/Parts

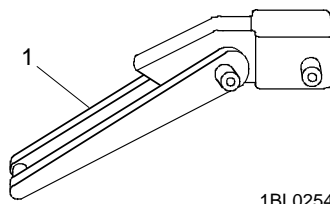
Crocus abrasive cloth (item 3, WP 0074 00)
 Loctite 246 (item 5, WP 0074 00)
 Spring pin, PN MS16562-106
 Washer, lock (8), W211NAG0019NN037NNPE1

Equipment Condition

Receiver assembly with major components
 removed (TM 9-1005-313-10).

DISASSEMBLY

Use cover detent plunger disassembly tool (1) to remove cover detent.



1BL0254

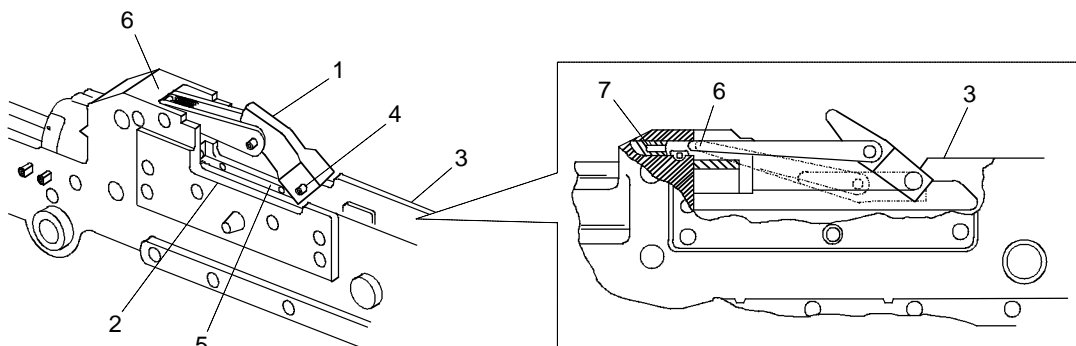
WARNING

Personal injury could occur if care is not exercised when installing cover detent plunger disassembly tool.

NOTE

Remove only to repair.

Position cover detent plunger disassembly tool (1) in the opening for feed tray (2) in receiver (3) so that its rear pins (4) rest against upper breechblock guides (5) and its nose (6) rests in groove of detent plunger (7).



1BL0255

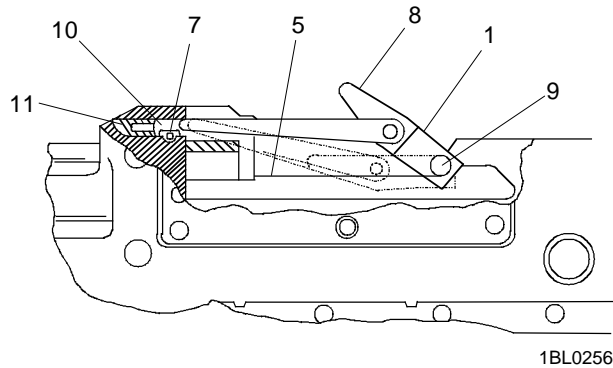
DIRECT SUPPORT MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240G, NSN N/A, PN 12997566; M240N, NSN N/A, PN 12976834 (cont)

DISASSEMBLY (cont)**WARNING**

Personal injury could occur if care is not exercised when installing cover detent plunger disassembly tool.

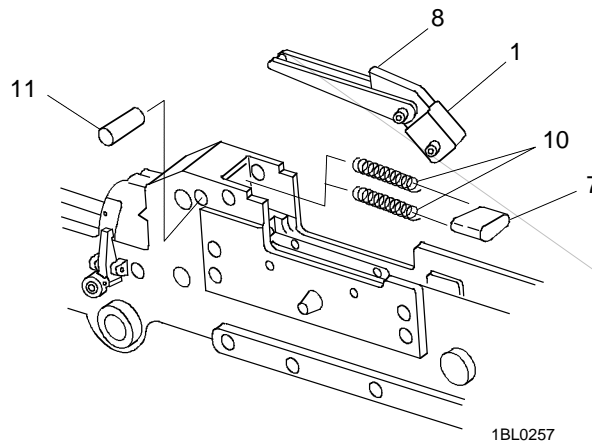
Push lever (8) of cover detent plunger disassembly tool (1) fully downward so that pin (9) will come to rest on upper breechblock guides (5) and detent plunger (7) compresses springs (10) removing pressure on spring pin (11).



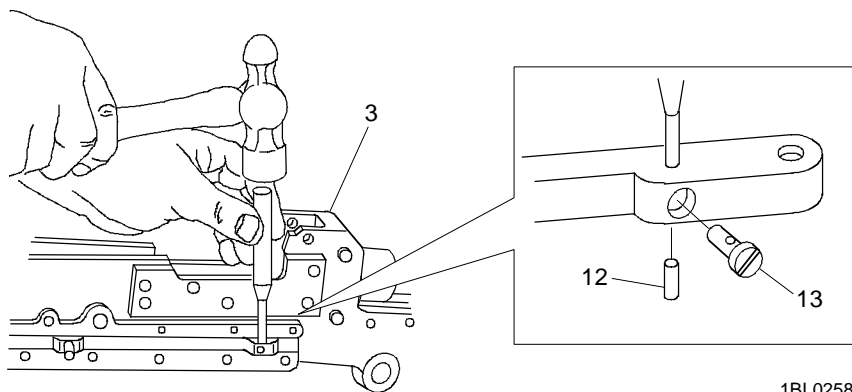
Remove spring pin (11).

Place one hand on cover detent plunger disassembly tool (1) to steady it. Then lift the lever (8) and remove the tool (1).

Remove detent plunger (7) and springs (10).

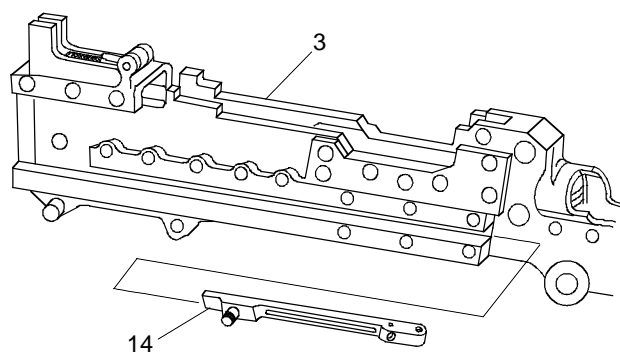


Drive out and discard spring pin (12). Press headed straight pin (13) outward from inside of receiver (3).



1BL0258

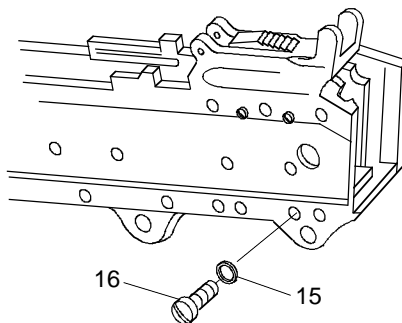
Remove charger slide (14) by sliding it forward out of receiver (3).



1BL0259

NOTE

Be sure that four pan-head machine screws (16) and flat washers (15) are present. Removal and inspection are not necessary since these items are not critical to weapon functioning and are present only to protect the receiver threads.



1BL0260

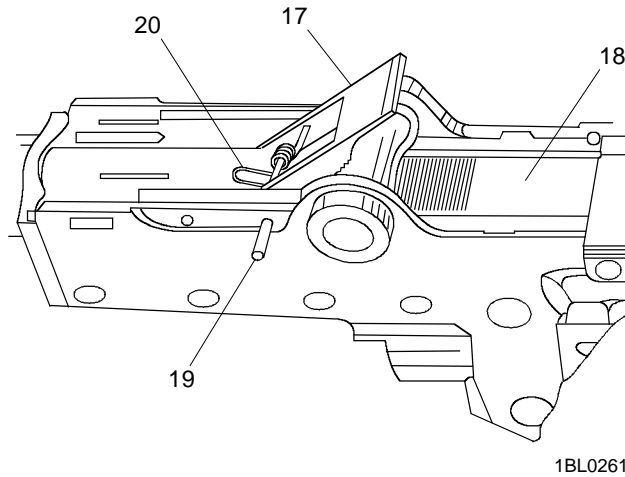
DIRECT SUPPORT MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
 M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
 M240G, NSN N/A, PN 12997566; M240N, NSN N/A, PN 12976834 (cont)

DISASSEMBLY (cont)

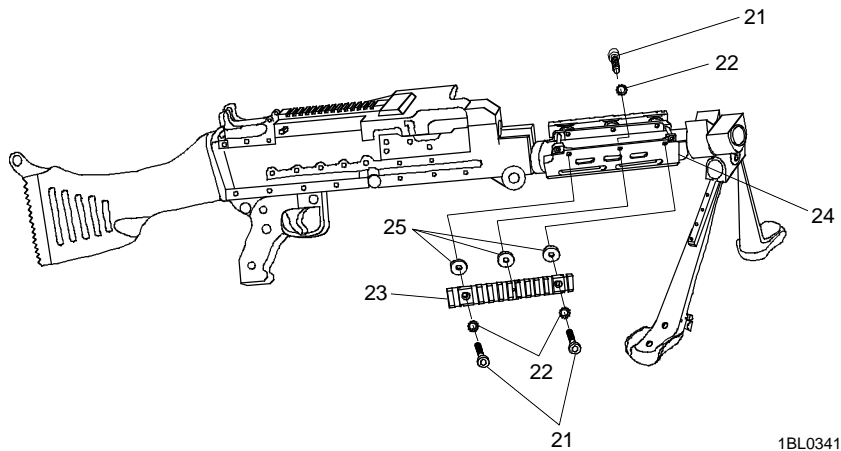
If access cover (18) is still in place, slide it to the rear.

Using pin punch and hammer, remove the retaining latch pin (19), spring (20) and latch (17).

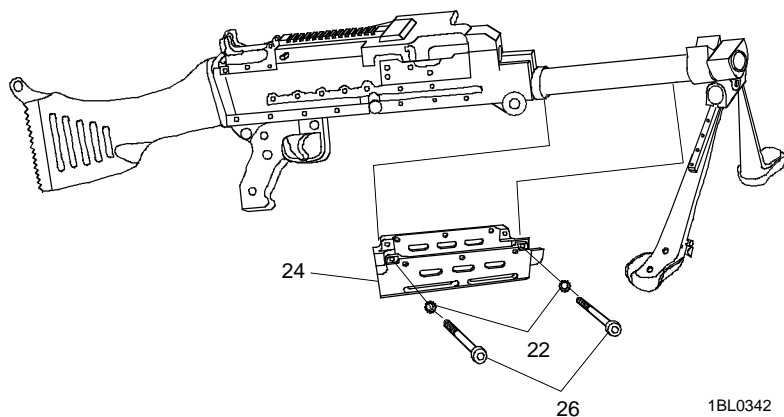
**NOTE**

Remove components only for replacement.

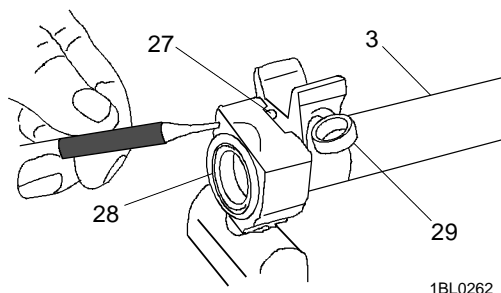
(M240B/240H): Remove right side cap screws (21) and lock washers (22) from right side rail (23) and body (24). Remove rail (23) and insulators (25)



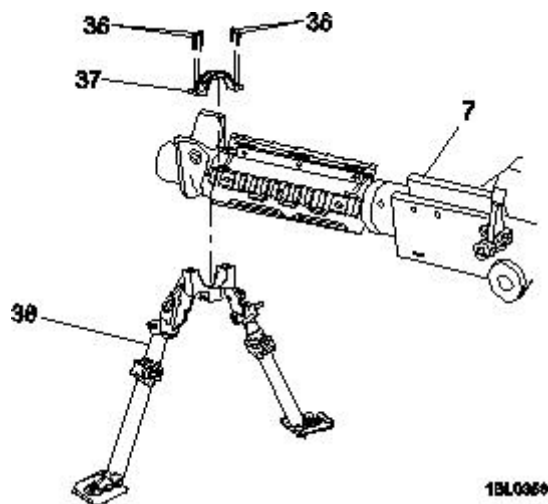
Remove body cap screws (26) and lock washers (22). Remove body (24) from receiver.



(M240B/M240G): Using a hammer and punch, push the bipod retaining pin (27) out of the receiver (3). Remove the bipod assembly (28). Remove front sling ring (29) out through the left of the receiver (3).



(M240H): Remove four screws (36), clamp (37) and bipod legs (38) from receiver (7).



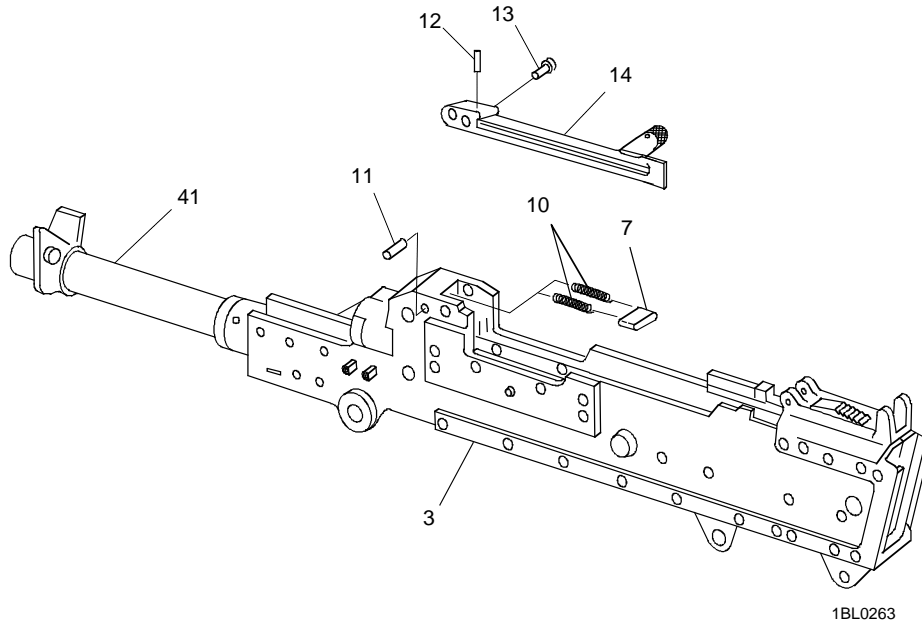
DIRECT SUPPORT MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240G, NSN N/A, PN 12997566; M240N, NSN N/A, PN 12976834 (cont)

INSPECTION/REPAIR

Remove burrs from parts with fine file or crocus cloth (item 4, WP 0074 00).

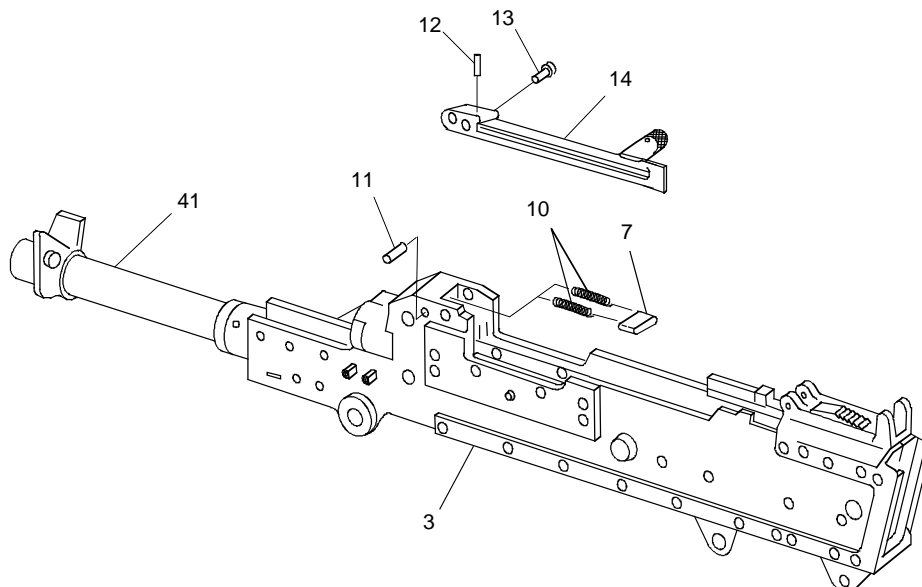
Check pins (11, 12, and 13) for distortion, cracks, or excessive wear. Replace if distorted, cracked, or worn excessively.



1BL0263

Check springs (10) for breaks, cracks, or distortion. Replace both springs if one is broken, cracked, or deformed.

Check charger slide (14) for distortion, cracks, or burrs. Replace if distorted, cracked, or if slide does not operate freely in the receiver.



1BL0263

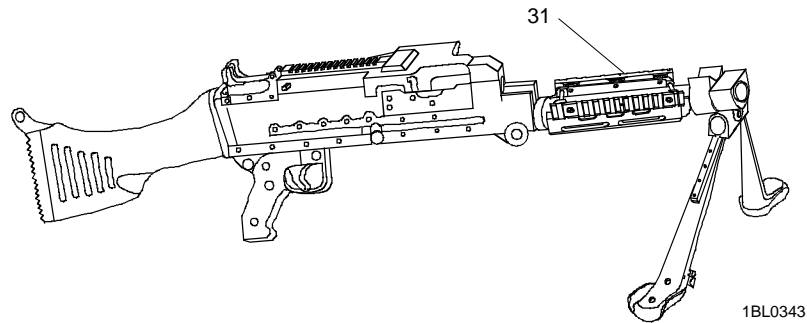
Check receiver (3) and gas cylinder (41) for cracks, distortion and burrs. Remove burrs with fine stone or crocus cloth (item 3, WP 0074 00). If receiver/gas cylinder is cracked or distorted, receiver is unserviceable.

Check detent plunger (7) for cracks, wear, or burrs. Replace if removal of burrs would cause malfunction.

NOTE

Forward rail assembly to be removed only for replacement.

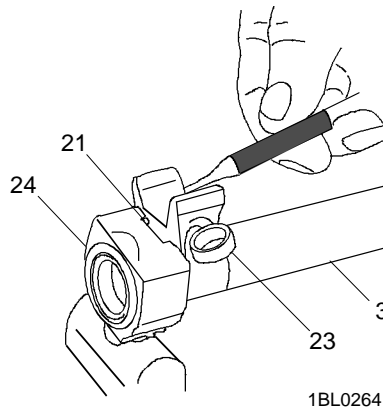
(M240B/M240H): Inspect forward rail body assembly (31) for cracks or bends, which will effect rail alignment or contact with gas tube. Check for loose cap screws.



REASSEMBLY

(M240B/M240G): Insert front sling ring (23) through the left side of receiver (3).

Install bipod assembly. Using a punch, push the bipod retaining pin (21) into cut-out in the bipod head (24). Ensure retaining pin (21) is loose enough to prevent binding of bipod head.

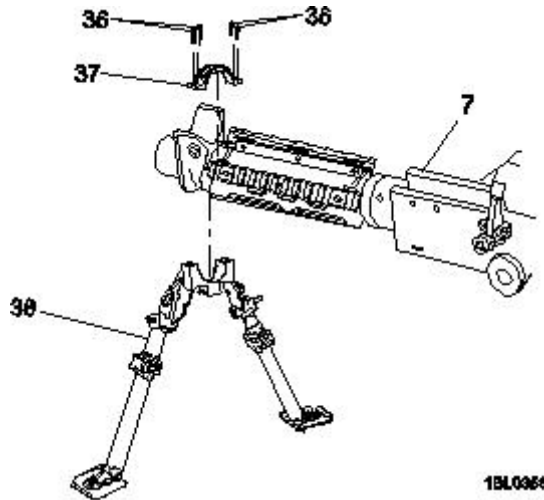


DIRECT SUPPORT MAINTENANCE OF RECEIVER ASSEMBLY

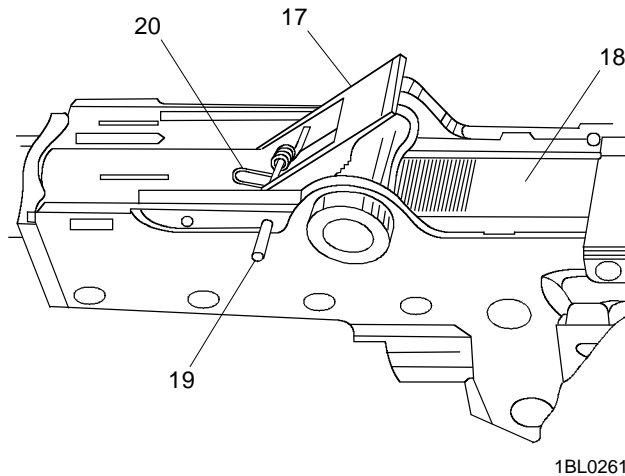
M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
 M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
 M240G, NSN N/A, PN 12997566; M240N, NSN N/A, PN 12976834 (cont)

REASSEMBLY (cont)

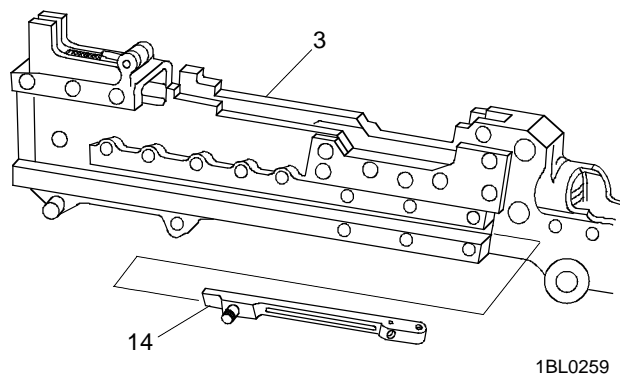
(M240H): Place bipod legs (38) on bottom of receiver (7); align clamp (37) to bipod legs and secure with four screws (36).



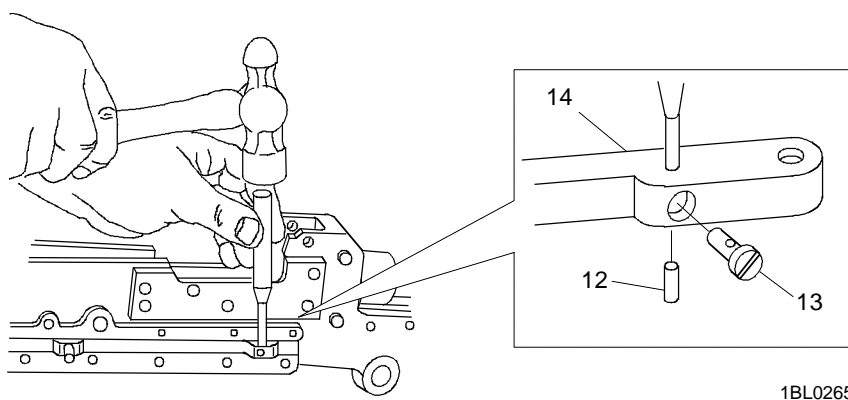
(M240B/M240G): With receiver upside down, place the retaining latch spring (20) into bipod retaining latch (17). Place both latch and spring into the receiver. Align holes and install retaining latch pin (19). Push bipod retaining latch (17) into the receiver and close access cover (18).



Install charger slide (14) into right front side of receiver (3) and slide rearward.



Install headed straight pin (13) in charger slide (14). Align headed straight pin (13) slot with slide spring pin hole and secure with new spring pin (12). Spring pin (12) must be flush on both sides.

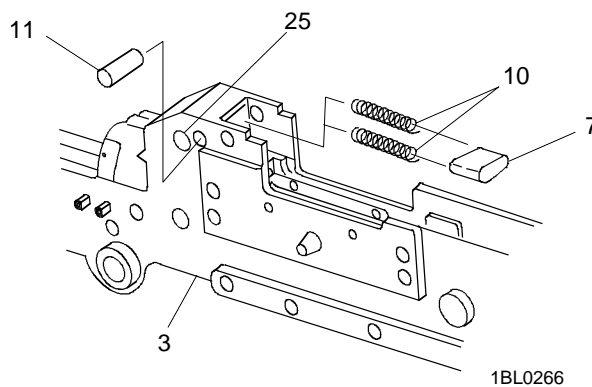


NOTE

If new springs are used, open the first coil on one end of each spring prior to insertion. Either end may be used to secure detent plunger.

Lubricate detent plunger (7) and two springs (10) with lubricating oil and insert springs (10) into wells in detent plunger (7) (open end is inserted in the plunger first).

Install detent plunger (7) in receiver (3) with slot in detent plunger (7) facing down. Start spring pin (10) into hole (25) in receiver.

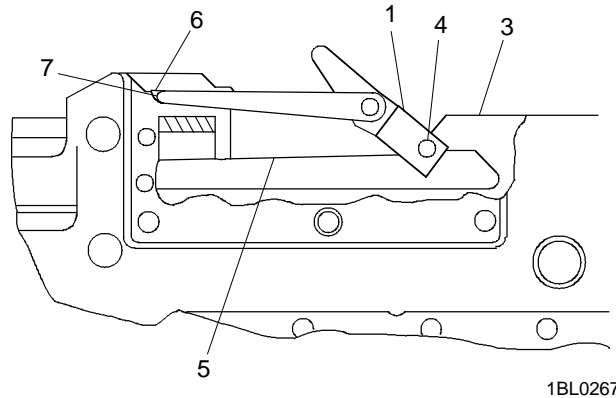


DIRECT SUPPORT MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240G, NSN N/A, PN 12997566; M240N, NSN N/A, PN 12976834 (cont)

REASSEMBLY (cont)

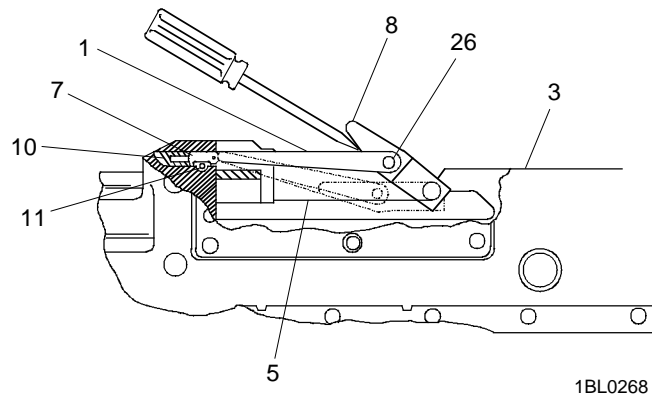
Position cover detent plunger disassembly tool (1) on receiver (3) so that rear pins (4) rest against upper breechblock guides (5) and its nose (7) sets in groove of detent plunger (6).



Push lever (8) of cover detent plunger disassembly tool (1) fully downward so that detent plunger (7) compresses springs (10) and pin (26) will come to rest on upper breechblock guides (5) of receiver (3).

Complete installation of spring pin (11).

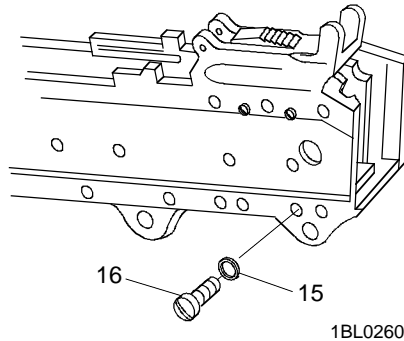
Use screwdriver to remove cover detent plunger disassembly tool (1) as shown.



NOTE

Perform this procedure only if flat washers (16) and pan-head machine screws (15) are missing.

Install four flat washers (16) and pan-head machine screws (15).

**NOTE**

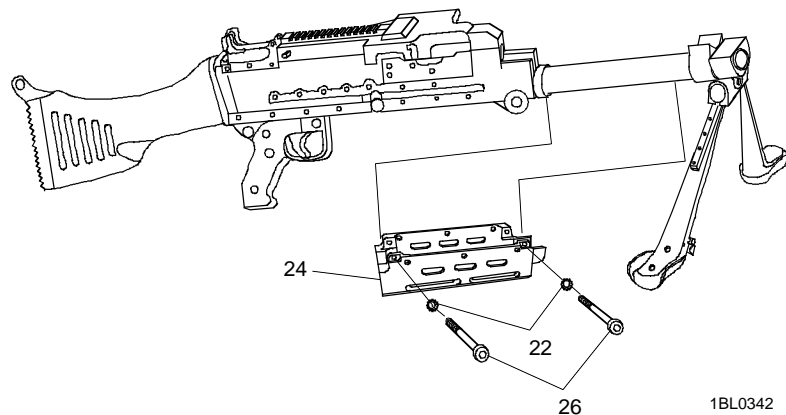
Lubricate threads of all screws before installation.

(M240B/M240H): Install the accessory rail body (24) against the receiver at the receiver/gas tube juncture with the extruded end pointing forward on the gas tube.

NOTE

Do not over-tighten screws, damage to gas tube can occur.

Install new lock washer (22) on each of the screws (26), apply loctite 246 (item 5, WP 0074 00) to the threads and insert into the forward and rear mounting holes from right to left. Hand-tighten screw until finger tight. Using a 5/32" hex wrench, tighten the forward screw no more than 3 revolutions past finger tight. Tighten the rear screw no more than 1/4 revolution past finger tight.



Function check weapon, if the operating rod binds in the gas tube back-off the screws 1/4 turn. Continue to function check until the operating rod moves freely through the gas tube.

DIRECT SUPPORT MAINTENANCE OF RECEIVER ASSEMBLY

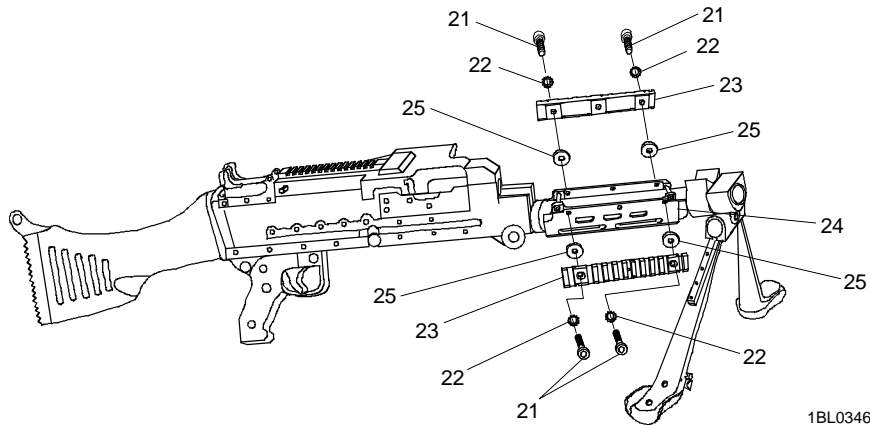
M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
 M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
 M240G, NSN N/A, PN 12997566; M240N, NSN N/A, PN 12976834 (cont)

REASSEMBLY (cont)**NOTE**

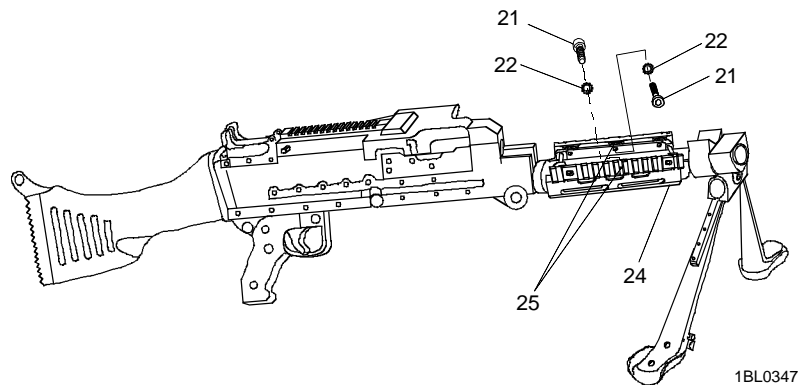
The right and left rails (23) are interchangeable.

The end of each rail with the partial groove (larger numbers) should be toward the muzzle of the weapon.

Install new lock washer (22) on each of six screws (21). Insert screw (21) through the forward mounting hole of rail (23) so the head of screw (21) sits in the counter bore in the rail (23). Align an insulator (25) between the rail (23) and rail body (24), insert screw into the rail body (24) and tighten screws finger tight. Repeat for rear screws.



Align an insulator (25) between the rail (23) and rail body (24). Insert center screws (21) through rail body (24) from the inside, push screw (21) through the insulator (25) into the rail (23) and tighten screws finger tight.

**NOTE**

Do not over-tighten screws.

Tighten all six screws (21) 1/2 turn.

END OF WORK PACKAGE

Work package 0036 00 has been moved in its entirety. For maintenance of Bipod Assembly, P/N 12976883, see WP 0018 01.

**DIRECT SUPPORT MAINTENANCE OF RECEIVER BODY ASSEMBLY
M240 SERIES, NSN N/A, PN 11826080**

This task covers: Disassembly/Inspection/Repair/Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Crocus abrasive cloth (item 3, WP 0074 00)

Equipment Condition

Receiver body with major components
(TM 9-1005-313-10) and bipod assembly
removed (WP 0035 00).

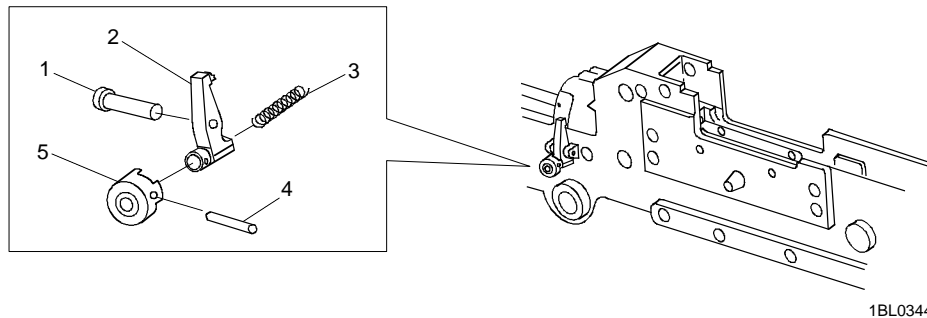
DISASSEMBLY/INSPECTION/REPAIR/REASSEMBLY

NOTE

Remove components only to replace/repair.

Remove headed grooved pin (1), barrel locking latch (2), and helical compression spring (3) from receiver.

Punch out spring pin (4) and remove latch cap (5).



Check pin (1), barrel locking latch (2) and cap (5) for distortion, cracks, or excessive wear. Replace if distorted, cracked or excessively worn.

Check spring (3) for breaks, cracks, or distortion. Replace if spring if broken, cracked or permanently set.

END OF WORK PACKAGE

FINAL INSPECTION OF M240 SERIES MACHINE GUN

This task covers: a. Testing b. Trigger pull test c. Further testing
 d. Using Firing Pin Protrusion Gage to Measure Firing Pin Protrusion
 e. Final Inspection

INITIAL SETUP**Tools and Special Tools**

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Tools and Special Tools (cont)

Firing pin protrusion gage, PN 11826304
Headspace warning gage, PN 11826299
Headspace reject gage, PN 11826274

Equipment Condition

Machine gun assembled (TM 9-1005-313-10).

TESTING**WARNING**

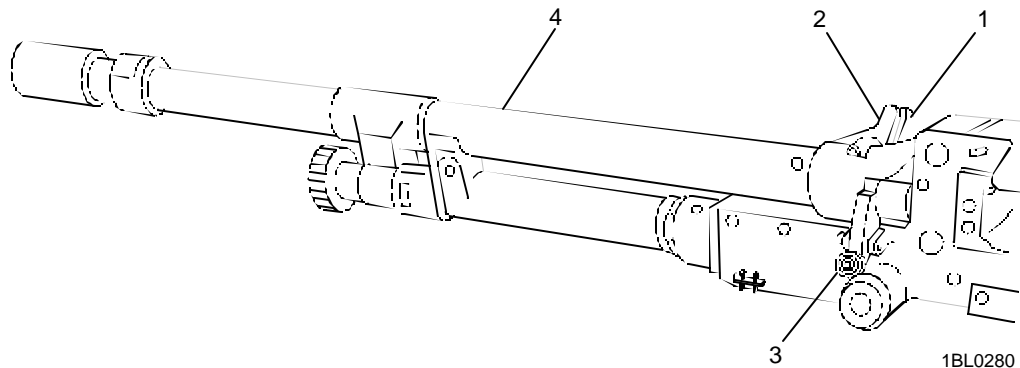
Make certain weapon is cleared and that there are no obstructions in the barrel or chamber.

NOTE

Procedures are written for the M240 machine gun but apply to all models of the machine gun except where indicated.

When installing the barrel (4) in the receiver, rotate the barrel release latch/carrying handle assembly (2) clockwise until it stops. Unlock and rotate counter-clockwise completely. While rotating clockwise, count the number of clicks until it stops. Fewer than 2 or more than 7 clicks indicate defective parts. (Make this check with spare barrel also.)

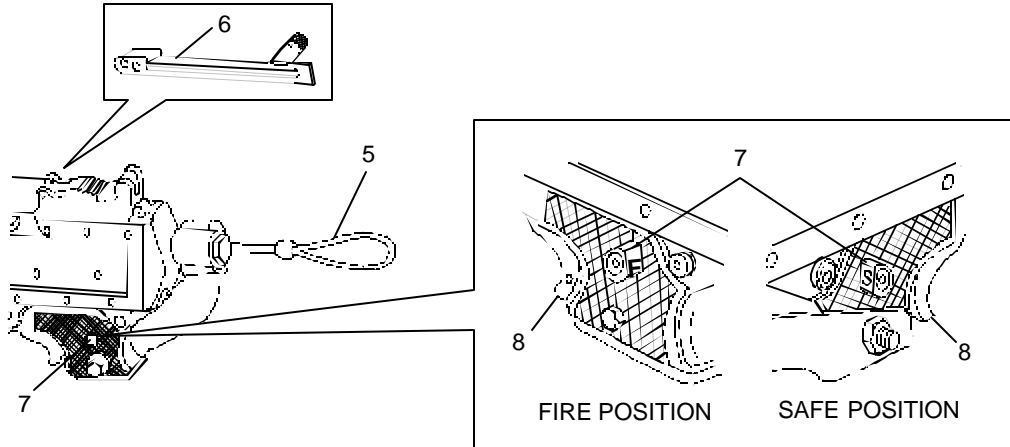
Check operation and position of the barrel release latch (1), barrel release (2), and barrel locking latch (3). Barrel (4) must be locked securely in receiver.



FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

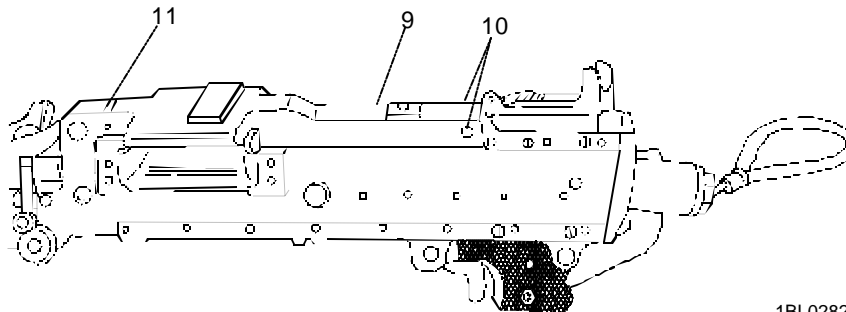
TESTING (cont)

Charge the weapon with charger cable (M240/M240C) (5) or manual control handle (M240B/M240D/M240E1/M240G/M240N) (6). Charging action must be smooth and positive. Operate the safety (7). Action must be smooth and positive, locking in either safe or fire position. When safety is in "F" position, pull trigger (8). Weapon must fire. When safety is in "S" position, weapon must not fire.



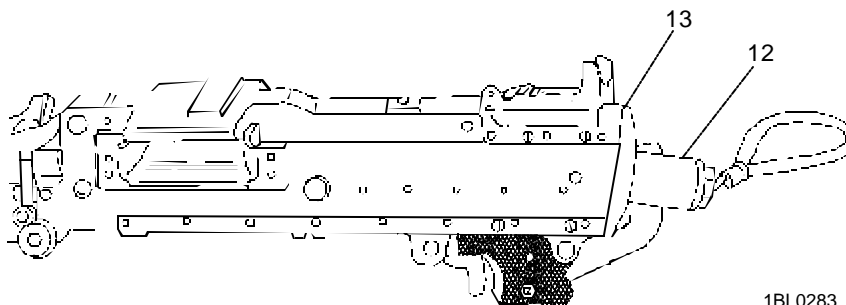
1BL0281

Open and close cover (9). Locking in the closed position must be positive. Depress cover latches (10) and open cover. The detent plunger (11) action must hold the cover open.



1BL0282

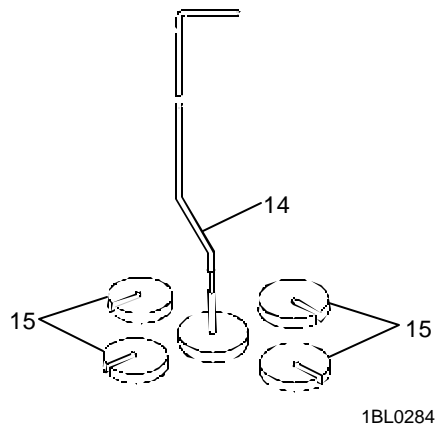
Check buffer assembly (12). Buffer must be flush with top of receiver (13).



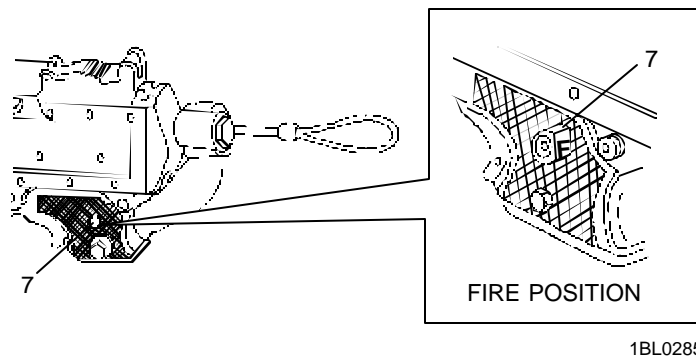
1BL0283

TRIGGER PULL TEST

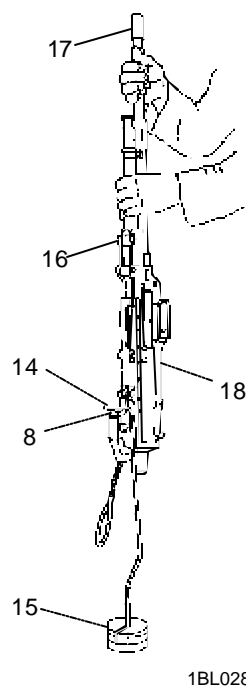
Place test fixture (14) on bench and add test weights (15) until a minimum load 2.7 kg (6lb) is reached.



Charge weapon and place safety (7) to "F" position.



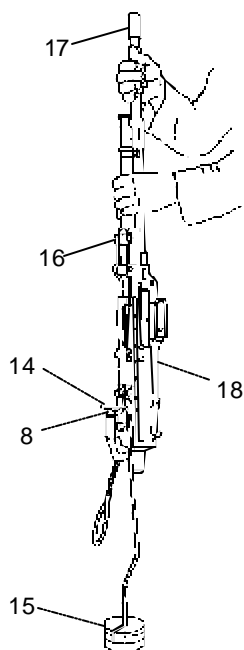
Hold machine gun (16) in vertical position. Hook end of test fixture (14) over trigger (8) and slowly raise machine gun (16) in a line parallel to the barrel bore (17) until test weights (15) are suspended. The bolt assembly (18) should not move forward to firing position.



FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

TRIGGER PULL TEST (cont)

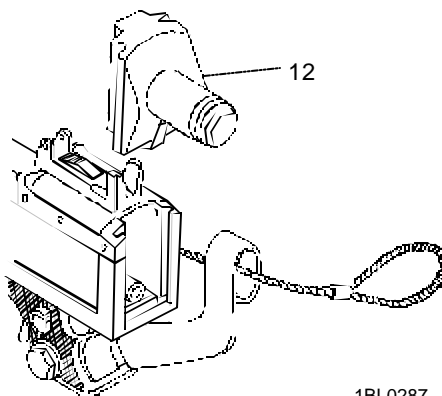
Remove fixture (14) and add weights (15) until maximum load of 7.045 kg (15 1/2 lb) is reached. (M240B/ M240N with hydraulic buffer, maximum load is 8.5 kg (18.75 lb).) Repeat above procedures. Bolt assembly (18) should move forward to firing position. If machine gun fails trigger pull test, replace defective parts and repeat test.



1BL0286

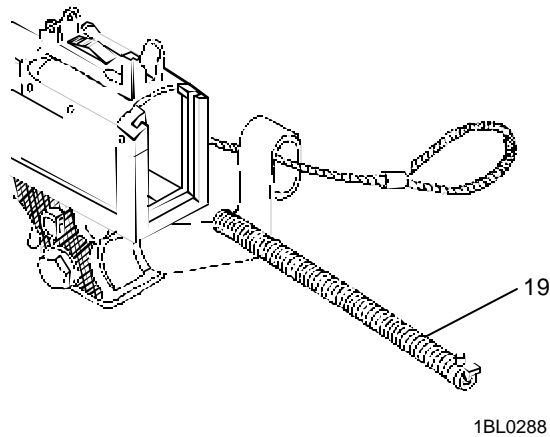
FURTHER TESTING

Remove buffer assembly (12).



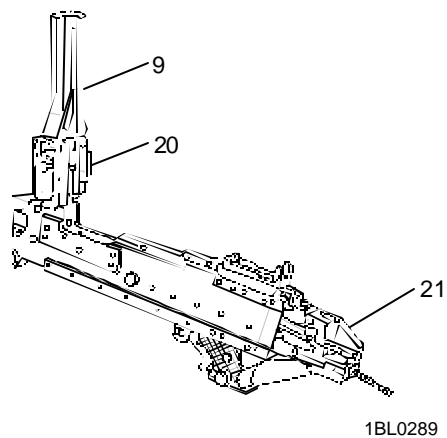
1BL0287

Remove driving spring rod assembly (19).

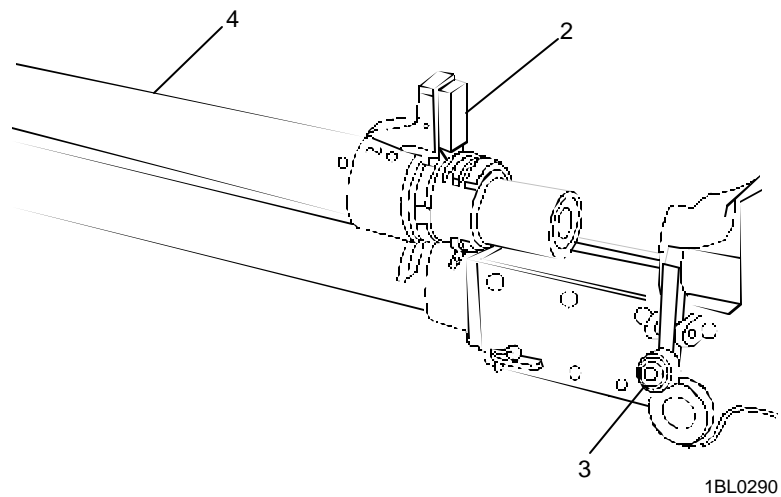


Raise cover (9) and feed tray (20).

Slide bolt and operating rod assembly (21) slightly rearward.



Release barrel locking latch (3) and turn barrel release latch (2) to upright position and move barrel assembly (4) slightly forward.

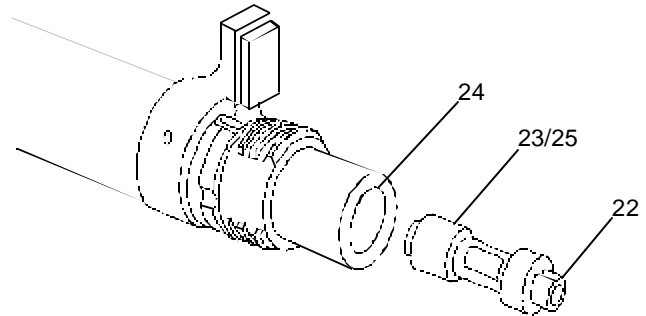


FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

FURTHER TESTING (cont)**NOTE**

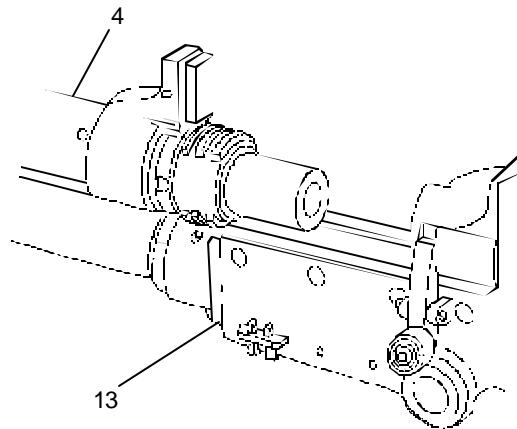
The notch (22) in headspace gage (warning (23)/reject (25)) must face upward and toward the rear of chamber (24) to provide clearance for ejector.

Insert headspace gage (warning (23)/reject (25)) with notch up in chamber (24).



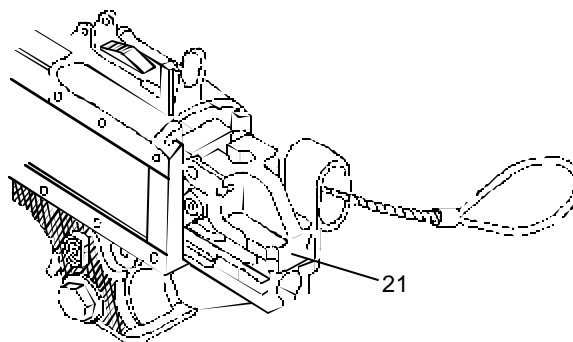
1BL0291

Carefully place barrel assembly (4) back into receiver (13) and lock in position.



1BL0292

Slide bolt and operating rod assembly (21) forward and exert slight pressure to determine if weapon is in locked or unlocked position.

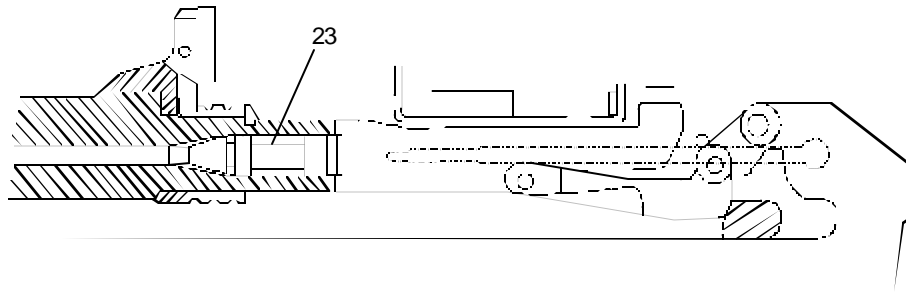


1BL0293

NOTE

The headspace gage (warning (23)) should not allow bolt assembly to lock in firing position.

In the event of locking with headspace warning gage inserted, the weapon may be kept in service if it is needed for immediate use, as long as the headspace reject gage DOES NOT allow locking of the weapon.



UNLOCKED POSITION

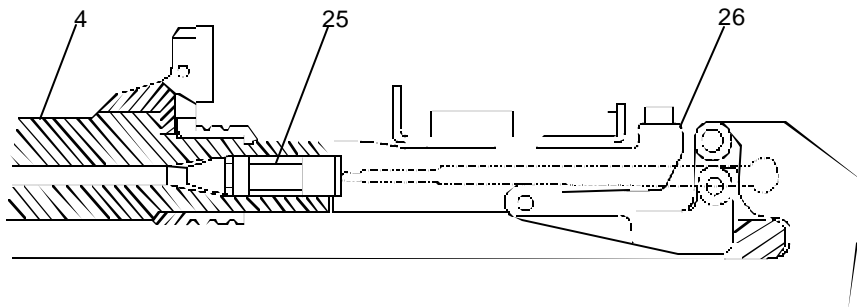
1BL0294

NOTE

The headspace gage (reject (25)) must NOT ALLOW the bolt assembly to lock in the firing position.

If it is necessary to replace parts, headspace warning and reject gaging procedures must be repeated to be sure weapon is serviceable.

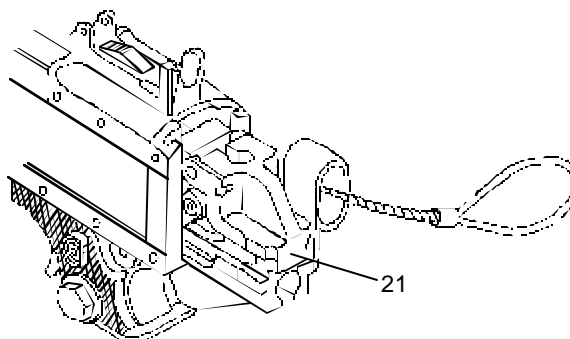
Perform testing with the headspace gage (reject (25)) as shown in 4 previous steps. If the weapon locks with the headspace gage (reject (25)), do not use the weapon until it is repaired. To repair, replace bolt assembly (26), barrel assembly (4), or replace both bolt assembly and barrel assembly.



LOCKED POSITION

1BL0295

Slide bolt and operating rod assembly (21) slightly rearward.

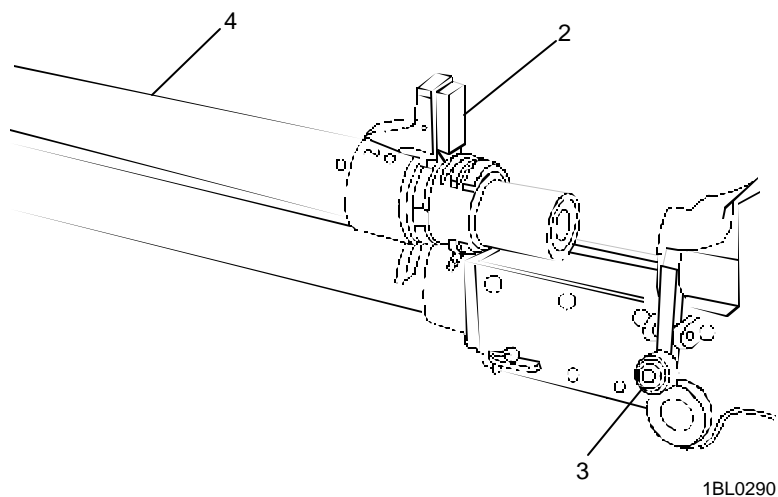


1BL0293

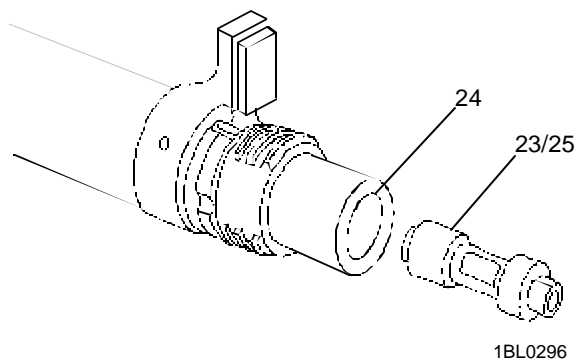
FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

FURTHER TESTING (cont)

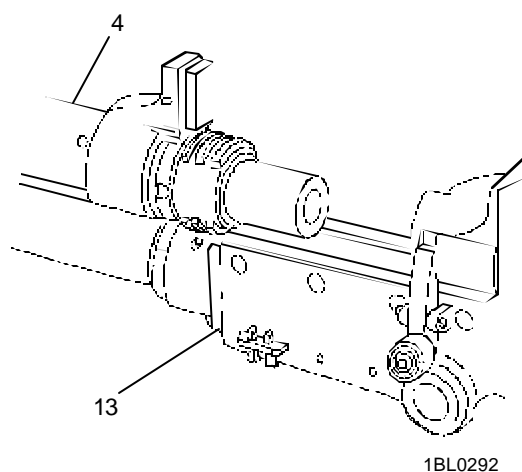
Release barrel locking latch (3) and turn barrel release latch (2) to upright position and move barrel assembly (4) slightly forward.



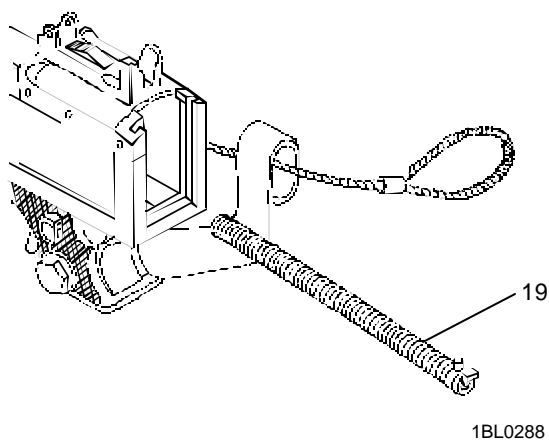
Remove headspace gage (23/25) from chamber (24).



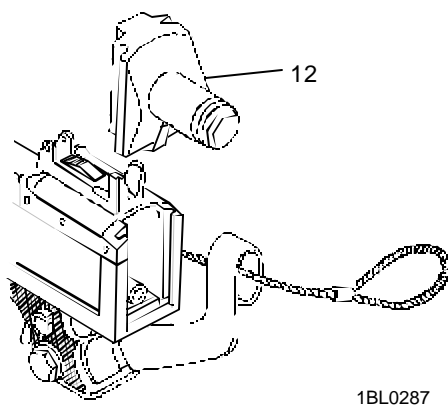
Place barrel assembly (4) back into receiver (13) and lock in position.



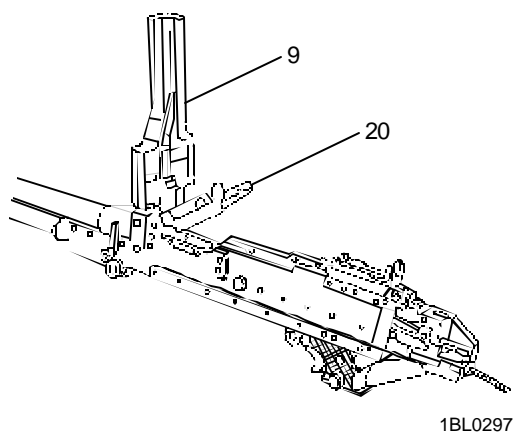
Install driving spring rod assembly (19).



Install buffer assembly (12).

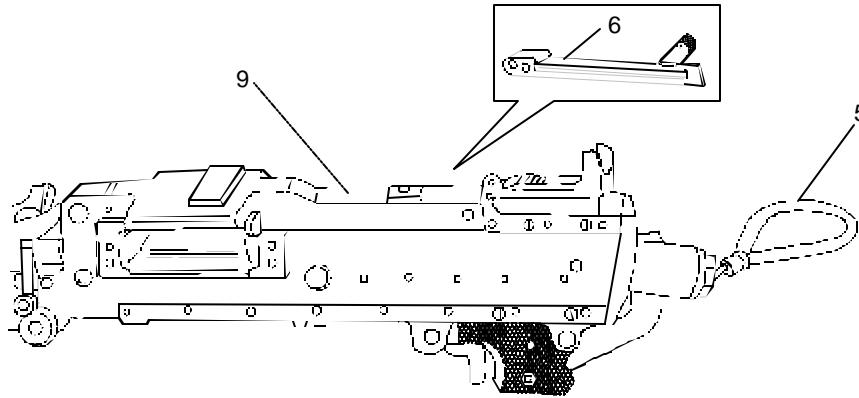


Lower feed tray (20) and close and lock cover (9).



FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)**FURTHER TESTING (cont)**

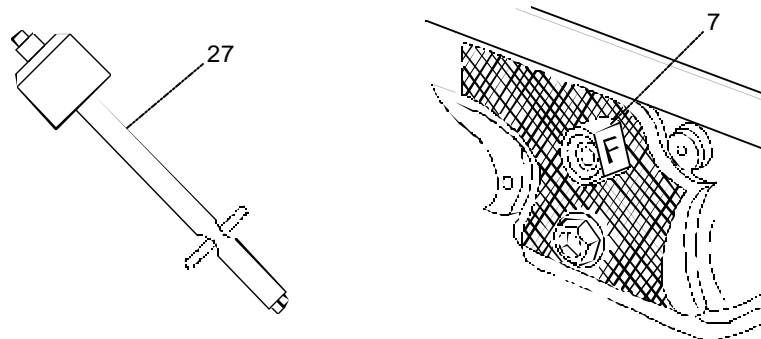
Charge weapon to the rear and release charger cable (M240/M240C) (5) or manual control handle (M240B/M240D/M240E1/M240G/M240N) (6) to function check the sear action. Bolt and operating rod assembly (9) should remain rearward.



1BL0298

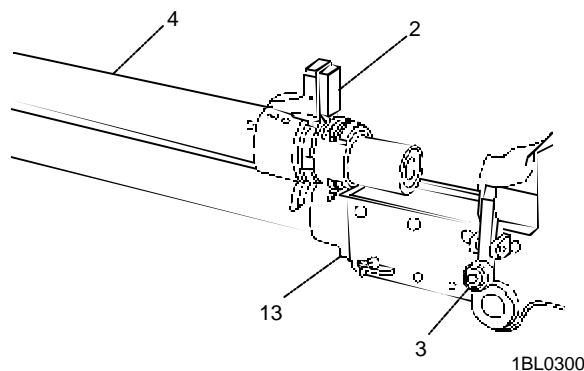
USING FIRING PIN PROTRUSION GAGE TO MEASURE FIRING PIN PROTRUSION

The first step in using the firing pin protrusion gage (27) is to function check the machine gun. The bolt and operating rod must go forward freely to firing position when trigger is pulled. (Safety (7) must be in "F" position.)



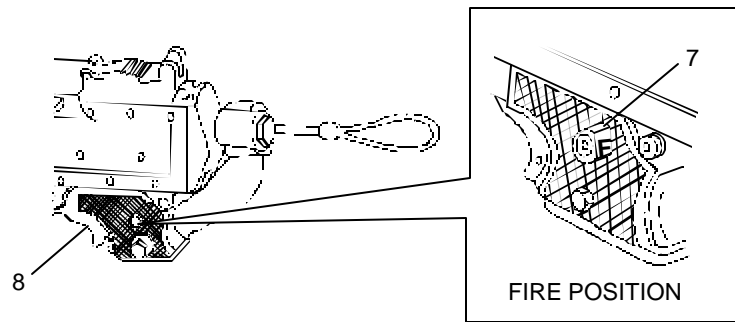
1BL0299

Release barrel locking latch (3) and turn barrel release latch (2) to upright position and remove barrel assembly (4) from receiver (13).



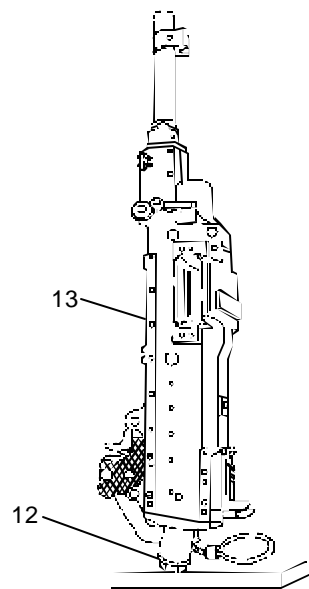
1BL0300

With safety in "F" position (7), pull trigger (8) to be sure bolt and operating rod assembly is forward in firing position.



1BL0301

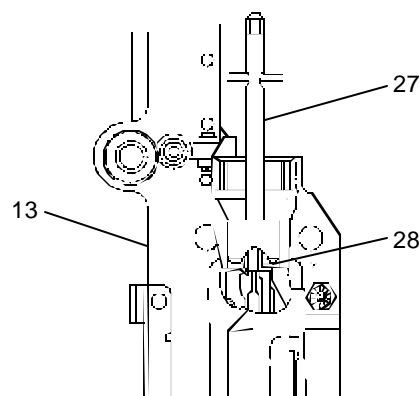
Point receiver (13) upward with buffer (12) resting on a work surface.



1BL0302

Insert firing pin protrusion gage (27) in receiver (13).

Seat the bottom end of gage (27) firmly against the bolt face (28).



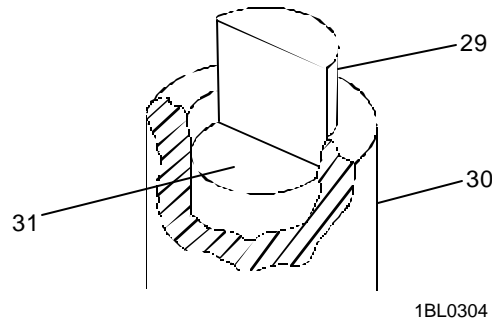
1BL0303

FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

USING FIRING PIN PROTRUSION GAGE TO MEASURE FIRING PIN PROTRUSION (cont)**NOTE**

Illustration is a cut-away view of the gage tube.

Read gage as follows: the end of the movable rod (29) must be flush or above the edge of the stationary tube (30). The notch (31) in the movable rod (30) must be flush or below the edge of the stationary tube (29).

**FINAL INSPECTION**

Reassemble machine gun per TM 9-1005-313-10.

Check the overall machine gun and make sure black finish surfaces do not reflect light. Weapon with more than 1/3 of exterior finish worn off should be sent to depot for overhaul.

Check the tightness of all attaching screws, bolts, nuts, cotter pins, and rivets.

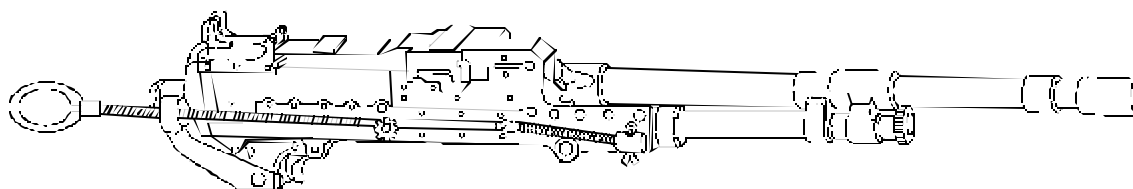
Check for adequate lubrication.

Check for missing parts.

A machine gun that has been repaired should be function fired whenever possible to be sure it operates properly. If weapon cannot be function fired, use dummy rounds and function test manually. If a machine gun fails the function firing test, it must be reinspected to determine the cause of the failure and corrective action must be taken.

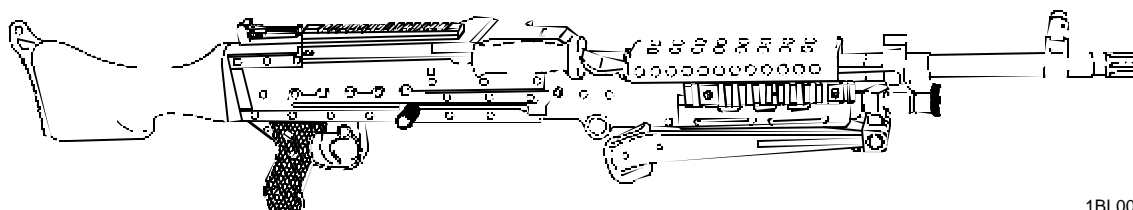
Upon completion of firing, machine gun must be cleaned and lubricated.

Make an overall inspection of the machine gun for cleanliness and general appearance.



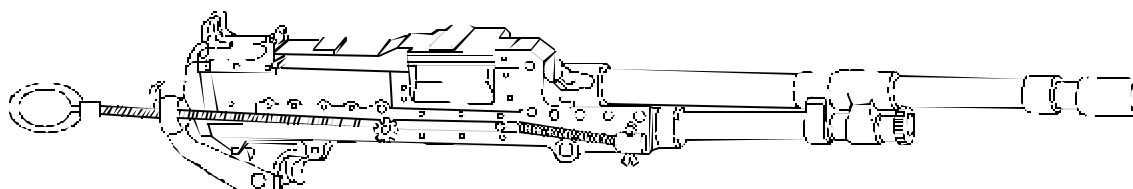
1BL0001

M240



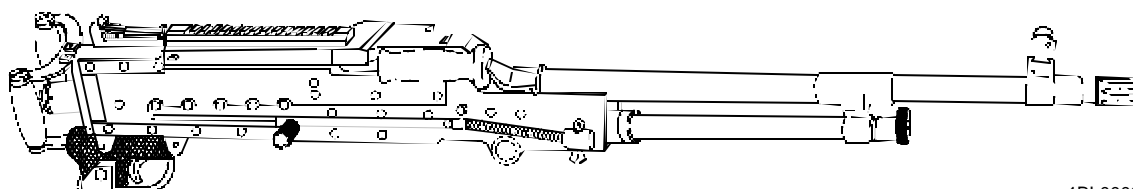
1BL0005

M240B



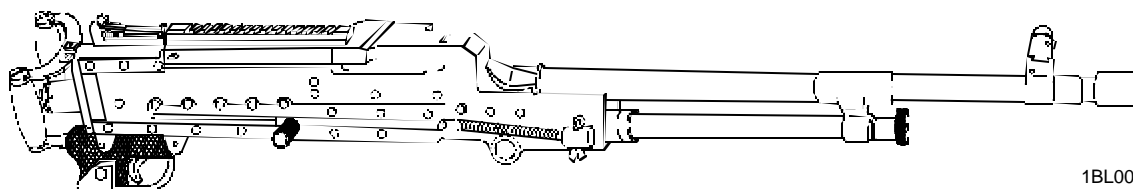
1BL0002

M240C



1BL0003

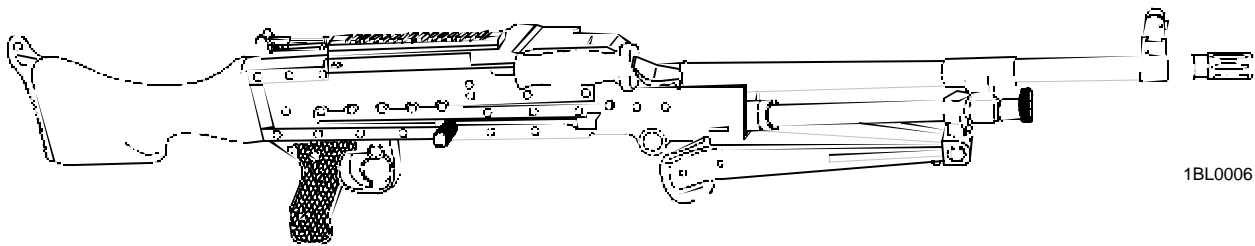
M240D



1BL0004

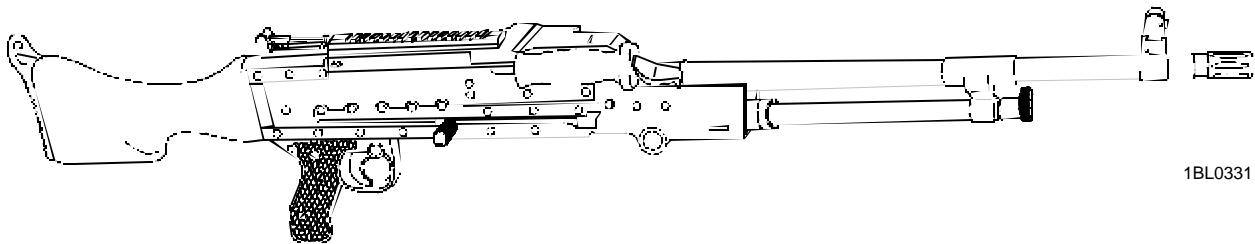
M240E1

FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)



1BL0006

M240G



1BL0331

M240N

END OF WORK PACKAGE

PREEMBARKATION INSPECTION OF MATERIEL IN UNITS ALERTED FOR OVERSEAS MOVEMENT

This inspection is conducted on materiel in units alerted for overseas duty to be sure that such materiel will not become unserviceable in a relatively short time. It prescribes a higher percentage of remaining usable life in serviceable materiel to meet a specific need beyond minimum serviceability.

PREINSPECTION POINTS

WARNING

Before starting an inspection, be sure to clear the weapon. Do not actuate the trigger until the weapon has been cleared. Inspect the bore and chamber to be sure they are empty and free of obstructions.

- Before inspection, the materiel must be thoroughly cleaned of all grease, dirt, or other foreign matter that might interfere with its function or the use of gages and tools during inspection.
- Materiel must be free of burrs, rust or corrosion on functional surfaces.
- Parts must not be cracked, bent, distorted, or damaged and must be free of excessive wear or looseness.
- Minor defects in metal components do not normally affect their acceptability. For example, scratches and tool marks are ordinarily of no importance.
- Inspect finish of metal surfaces. Satisfactory metal surfaces for weapons range from black to light gray. A shiny metal surface is objectionable only when it is capable of reflecting light. No weapon will be rejected unless exterior parts have a shine.

INSPECTION POINTS

- Check receiver for loose (finger tight) or missing rivets. If rivets are missing or more than 3 rivets on entire receiver are loose; or any two of forward bolt rail rivets on either side are loose, replace weapon.
- Springs must be free of distortion and broken coils. Springs must have sufficient tension to perform their intended function.
- Barrels:

Barrels must be clean and free of rust and corrosion, which is caused by moisture and powder fouling.

Barrels must not be bulged.

NOTE

If the corrosion of the chrome plate appears difficult to determine, test fire 50 rounds in short burst at a target 50 meters away. The imprint of each shot must be a clearly defined circle. Reject the barrel if any of the shots imprints are oblong instead of circular. Be sure the target is reasonably perpendicular to the line of fire.

Barrels may have a small amount of flaking or small cracks in the chrome plating in the chamber and bore.

Flash hider/suppressor must not be dented or loose.

Pits in the chamber are allowable if they do not cause extraction problems.

Scattered or uniformly fine pits, or fine pits in a densely pitted area are allowable.

PREEMBARKATION INSPECTION OF MATERIEL IN UNITS ALERTED FOR OVERSEAS MOVEMENT

INSPECTION POINTS (cont)

- Barrels (cont):

Tool marks are acceptable, regardless of length. They may appear as lines running longitudinally in the grooves or may run spirally across the tops of lands.

Lands that appear dark, due to coating of gilded metal from projectiles will not be cause for rejection.

- The sear and cocking notches must be in good condition. Chipped engaging corners will be cause for rejection. Slight wear on functional surfaces, including engaging corners, shall be acceptable, providing the minimum trigger pull requirements are met.
- Chips, flat spots, or bent strike points on firing pins will be cause for rejection.
- The cartridge engaging surface on extractors must not be chipped or deformed.
- Safety must positively position in both the "S" and "F" position. When in the "S" or safe position, the weapon must not fire when the trigger is pulled; when in the "F" or fire position, the weapon must fire when the trigger is pulled.
- Each weapon must be hand functioned to check for unusual binding, positive cocking action and general operation. Dummy ammunition may be used to be sure of positive chambering, extraction and ejection action.
- All markings must be legible.

SPECIFIC STANDARDS

Refer to Table 1, Standards for preembarkation inspection.

**Table 1. STANDARDS FOR PREEMBARKATION INSPECTION OF
7.62MM MACHINE GUN, M240/M240B/M240C/M240D/M240E1/M240G/M240H/M240N,
IN UNITS ALERTED FOR OVERSEAS MOVEMENT**

Item	Standard
Barrel	Must pass barrel erosion check (warning mark on gage (WP 0024 00). Must pass headspace check using headspace warning gage (WP 0038 00).
Trigger Pull	Minimum – 2.7 kg (6 lb). Maximum – 7.045 kg (15 1/2 lb). Use trigger pull measuring fixture (WP 0038 00). (8.5 kg (18.75 lb) – M240B/M240N with hydraulic buffer.)
Firing Pin Protrusion	Must pass firing pin protrusion test (WP 0038 00).
Barrel Release (with barrel mounted on receiver)	Barrel locking latch must lock barrel securely. Barrel locking latch must lock correctly, which is from 2 to 7 clicks.
Buffer Assembly	Buffer assembly must pass PMCS procedures (WP 0007 00).
Cartridge Feed System	All rollers and links must operate smoothly and freely. No binding is permitted.
Charger Cable/ Manual Control Handle	Must operate smoothly and freely. No binding is permitted.

ILLUSTRATED LIST OF MANUFACTURED ITEMS

INTRODUCTION**Scope**

This work package includes complete instructions for making items authorized to be manufactured or fabricated at unit or direct support level.

How to Use the Index of Manufactures Items

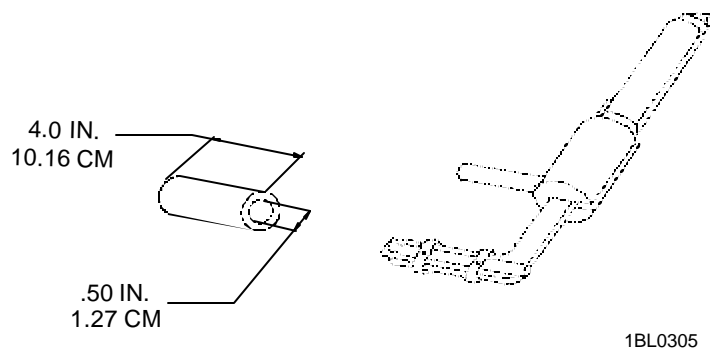
A part number index in alphanumeric order is provided for cross-referencing the part number of the item to be manufactured to the page which covers the fabrication criteria.

Explanation of the Illustrations of Manufactured Items.

All instructions needed by maintenance personnel to manufacture the item are included on the illustration. All bulk materials needed for manufacture of an item are listed by part number or specification number in a tabular list on the illustration.

Part Number Index: No part numbers are associated with the manufactured item.

ILLUSTRATED LIST OF MANUFACTURED ITEMS (cont)



ITEM: MATERIAL BLOCK

MATERIAL: FABRICATE FROM HEATER HOSE OR EQUIVALENT.

DIMENSIONS: INTERNAL DIAMETER – 0.50 IN. (1.27CM)
EXTERNAL LENGTH – 4.0 IN. (10.16 CM)

END OF WORK PACKAGE

CHAPTER 6
SUPPORTING INFORMATION

REFERENCES

A-1. DEPARTMENT OF ARMY PAMPHLETS AND FORMS.

DA PAM 738-750 Functional Users Manual for the Army Maintenance Management System (TAMMS)

DA Form 2028 Recommended Changes to Publications and Blank Forms.

PAM 385-64 Ammunition and Explosives Safety Standards

SF 364 Report of Discrepancy (ROD)

SF 368 Product Quality Deficiency Report

A-2. FIELD MANUALS.

FM 4-25.11 First Aid for Soldiers

A-3. TECHNICAL MANUALS.

TM 9-1005-313-10/ Operator's Manual, Machine Gun, 7.62, M240 (1005-01-025-8095);
TO 11W2-6-5-1/ Machine Gun, 7.62, M240B (1005-01-412-3129); Machine Gun, 7.62,
TM 08670A-10-1B/ M240C (1005-01-085-4758); Machine Gun, 7.62, M240D (1005-01-418-
SW360-AH- OPI-010 6995); Machine Gun, 7.62, M240E1 (1005-01-252-4288); Machine Gun,
7.62, M240G (1005-01-359-2714); Machine Gun, 7.62, M240N (1005-01-
493-1666)

TM 750-244-7 Procedures for Destruction of Equipment in Federal Supply Classification
1000, 1005, 1010, 1015, 1020, 1025, 1030, 1055, 1090, and 1095 to
Prevent Enemy Use

A-4. RELATED PUBLICATIONS.

DOD 4160.21-M-1 Defense Demilitarization Manual

A-5. USMC PUBLICATIONS AND FORMS.

NAVMC Form 10722 Recommended Changes to Technical Publications

TI 8005-24/20D Trigger Weight Measurements and Pre-Fire Inspections

TM 3080-12 Corrosion, Prevention and Control for Marine Corps Ground Equipment

TM 4700.15/1 Equipment Record Procedures

MCO 4855.10 Product Quality Deficiency Report

A-6. AIR FORCE PUBLICATIONS AND FORMS.

TO 00-5-1 Air Force Technical Order System

TO 00-35D-54 U.S. Air Force Deficiency Reporting and Investigating System

REFERENCES (cont)

A-7. MISCELLANEOUS PUBLICATIONS.

- CTA 50-970 Expendable/Durable Items (Except Medical Class V, Repair Parts and
Heraldic Items)
- CTA 8-100 Army Medical Department Expendable/Durable items
- MIL-S-46163..... Sealing, Lubricating, and Wicking Compound, Thread Locking, Anaerobic,
Single Component

**MAINTENANCE ALLOCATION CHART (MAC)
FOR M240 SERIES MACHINE GUN**

INTRODUCTION**The Army Maintenance System MAC**

This introduction provides a general explanation of all maintenance and repair functions authorized at various maintenance levels under the standard Army Maintenance System concept.

The MAC (immediately following the introduction) designates overall authority and responsibility for the performance of maintenance functions on the identified end item or component. The application of the maintenance functions to the end item or component shall be consistent with the capacities and capabilities of the designated maintenance levels, which are shown on the MAC in column (4) as:

Unit – Includes two sub-columns, C (operator/crew) and O (unit) maintenance.

Direct Support – Includes an F sub-column.

General Support – Includes an H sub-column.

Depot – Includes an D sub-column.

The tools and test equipment requirements (immediately following the MAC) list the tools and test equipment (both special tools and common tool sets) required for each maintenance function as referenced from the MAC.

The remarks (immediately following the tools and test equipment requirements) contain supplemental instructions and explanatory notes for a particular maintenance function.

Maintenance Functions

Maintenance functions are limited to and defined as follows:

1. **Inspect.** To determine the serviceability of an item by comparing its physical, mechanical, and/or electrical characteristics with established standards through examination (e.g., by sight, sound, or feel). This includes scheduled inspection, gagings and evaluation of cannon tubes.
2. **Test.** To determine the serviceability by measuring the mechanical, pneumatic, hydraulic, or electrical characteristics of an item and comparing those characteristics with prescribed standards on a scheduled basis, i.e., load testing of lift devices and hydrostatic testing of pressure hoses.
3. **Service.** Operations required periodically to keep an item in proper operating condition; e.g., to clean (includes decontaminate, when required), to preserve, to drain, or to replenish fuel, lubricants, chemical fluids, or gases. This includes scheduled exercising and purging of recoil mechanisms.
4. **Adjust.** To maintain or regulate, within prescribed limits, by bringing into proper position, or by setting the operating characteristics to specific parameters.
5. **Align.** To adjust specific variable elements of an item to bring about optimum or desired performance.
6. **Calibrate.** To determine or cause corrections to be made or to be adjusted on instruments of test, measuring, and diagnostic equipment used in precision measurement. Consists of comparisons of two instruments, one of which is certified standard of known accuracy, to detect and adjust and discrepancy in the accuracy of the instrument being compared.

**MAINTENANCE ALLOCATION CHART (MAC)
FOR M240 SERIES MACHINE GUN (cont)**

Maintenance Functions (cont)

Maintenance functions are limited to and defined as follows (cont):

7. Remove/Install. To remove and install the same item when required to perform service or other maintenance functions. Install may be the act of emplacing, seating, or fixing into position a spare, repair part, or module (component or assembly) in a manner to allow the proper functioning of an equipment or system.
8. Replace. To remove an unserviceable item and install a serviceable counterpart in its place. "Replace" is authorized by the MAC and assigned maintenance level is shown as the third position of the Source, Maintenance and Recoverability (SMC) code.
9. Repair. The application of maintenance services, including fault location/troubleshooting, removal/installation, disassembly/assembly procedures, and maintenance actions to identify troubles and restore serviceability to an item by correcting specific damage, fault, malfunction, or failure in a part, subassembly, module (component or assembly), end item, or system.

NOTE

The following definitions are applicable to the "repair" maintenance function:

Services – Inspect, test, service, adjust, align, calibrate, and/or replace.

Fault location/troubleshooting – The process of investigating and detecting the cause of equipment malfunctioning; the act of isolating a fault within a system or Unit Under Test (UUT).

Disassembly/assembly – The step-by-step breakdown (taking apart) of a spare/functional group code item to the level of its least component that is assigned an SMR code for the level of maintenance under consideration (i.e., identified as maintenance significant).

Actions – Welding, grinding, riveting, straightening, facing, machining, and/or resurfacing.

10. Overhaul – That maintenance effort (service/action) prescribed to restore an item to a completely serviceable/operational condition as required by maintenance standards in appropriate technical publications. Overhaul is normally the highest degree of maintenance performed by the Army. Overhaul does not normally return an item to a like new condition.
11. Rebuild. Consists of those services/actions necessary for the restoration of unserviceable equipment to a like new condition in accordance with the original manufacturing standards. Rebuild is the highest degree of materiel maintenance applied to Army equipment. The rebuild operation includes the act of returning to zero those age measurements (e.g., hours/miles) considered in classifying Army equipment/components.

Explanation of Columns in the MAC

Column (1) – Group Number. Column (1) lists FGC numbers, the purpose of which is to identify maintenance significant components, assemblies, subassemblies, and modules with the Next Higher Assembly (NHA).

Column (2) – Component/Assembly. Column (2) contains the item names of components, assemblies, subassemblies, and modules for which maintenance is authorized.

Column (3) – Maintenance Function. Column (3) lists the functions to be performed on the item listed in column (2). (For a detailed explanation of these functions refer to “Maintenance Functions” outlined above.)

Column (4) – Maintenance level. Column (4) specifies each level of maintenance authorized to perform each function listed in column (3), by indicating work time required (expressed as man-hours in whole hours or decimals) in the appropriate sub-column. This work time figure represents the active time required to perform that maintenance function at the indicated level of maintenance. If the number or complexity of the tasks within the listed maintenance function varies at different maintenance levels, appropriate work time figures are to be shown for each level. The work time figure represents the average time required to restore an item (assembly, subassembly, component, module, end item, or system) to a serviceable condition under typical field operating conditions. This time includes preparation time (including any necessary disassembly/assembly time), troubleshooting/fault location time, and quality assurance time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the MAC. The symbol designations for the various maintenance levels are as follows:

C – Operator or crew maintenance

O _ Unit Maintenance

F – Direct support maintenance

L – Specialized repair activity (SRA)

H – General support maintenance

D – Depot maintenance

NOTE

The “L” maintenance level is not included in column (4) of the MAC. Functions to this level of maintenance are identified as a work time figure in the “H” column of column (4), and a associated reference code is used in the REMARKS column (6). This code is keyed to the remarks and the SRA complete repair application is explained there.

Column (5) – Tools and Equipment Reference Code. Column (5) specifies, by code, those common tool sets (not individual tools), common Test, Measurement and Diagnostic Equipment (TMDE), and special tools, special TMDE and special support equipment required to perform the designated function. Codes are keyed to the entries in the tools and test equipment table.

Column (6) – Remarks Code. When applicable, this column contains a letter code, in alphabetical order, which is keyed to the remarks table entries.

Explanation of Columns in the Tools and Test Equipment Requirements

Column (1) – Tool or Test Equipment Reference Code. The tool or test equipment reference code correlates with a code used in column (5) of the MAC.

Column (2) – Maintenance Level. The lowest level of maintenance authorized to use the tool or test equipment.

Column (3) - Nomenclature. Name or identification of the tool or test equipment.

Column (4) – National Stock Number (NSN). The NSN of the tool or test equipment.

Column (5) – Tool Number. The manufacturer’s part number, model number, or type number.

**MAINTENANCE ALLOCATION CHART (MAC)
FOR M240 SERIES MACHINE GUN (cont)**

Explanation of Columns in the Remarks.

Column (1) Remarks Code. The code recorded in column (6) of the MAC.

Column (2) – Remarks. This column lists information pertinent to the maintenance function being performed as indicated in the MAC.

**Table 1. Maintenance Allocation Chart for
M240, M240B, M240C, M240D, M240E1, M240G, M240H, M240N
Machine Gun**

NOTE

This section applies to Army users only.

(1) GROUP NUMBER	(2) COMPONENT/ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL					(5) TOOLS AND EQUIP	(6) REMARKS
			UNIT		DIRECT SUPPORT	GENERAL SUPPORT	DEPOT		
			C	O	F	H	D		
00	MACHINE GUN, 7.62MM, M240, M240B, M240C, M240D, M240E1, M240G, M240H, M240N	Inspect Test Service Repair Adjust Overhaul	0.2 0.2 0.1 0.1	0.2 0.3 0.1	0.2 0.3 0.4 		16.0	1, 2, 3, 14 9	A
01	BARREL ASSEMBLY	Inspect Test Service Install Replace Repair Overhaul	0.1 0.2 0.1 0.1	0.1 0.3 0.1 0.1	0.1 0.1 0.1 0.3 		0.5	10, 11, 14	
0101	Front Sight Assembly	Inspect Service Replace Repair Overhaul	0.1 0.1 	0.1 0.1 0.2 0.2	0.1 		0.5	11	
0102	Handle Assembly, Carrying	Inspect Service Replace Repair Overhaul	0.1 0.1 	0.1 0.1 0.2 0.2			0.3		
02	BUFFER ASSEMBLY/ BUFFER AND SPADE GRIP ASSEMBLY/ BUTTSTOCK AND BUFFER ASSEMBLY/ BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY	Inspect Service Replace Repair Overhaul	0.1 0.1 	0.1 0.1 0.1 0.1	0.1 0.2 0.3 		1.0	10, 11	
03	BOLT AND OPERATING ROD ASSEMBLY	Inspect Service Replace Repair Overhaul	0.1 0.1 	0.1 0.1 0.2 0.2	0.1 0.2 		2.0	10	
0301	Bolt Assembly	Inspect Test Service Replace Repair Overhaul	0.1 0.2 	0.1 0.2 0.3	0.1 0.1 0.1 0.3 		1.0	7 6, 10	
030101	Breech Body Assembly Bolt	Service Replace Repair Overhaul	0.1 	0.1 	 0.1 0.2 		0.1	11	

**MAINTENANCE ALLOCATION CHART (MAC)
FOR M240 SERIES MACHINE GUN (cont)**

**Table 1. Maintenance Allocation Chart for
M240, M240B, M240C, M240D, M240E1, M240G, M240H, M240N
Machine Gun (cont)**

(1) GROUP NUMBER	(2) COMPONENT/ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL					(5) TOOLS AND EQUIP	(6) REMARKS
			UNIT		DIRECT SUPPORT	GENERAL SUPPORT	DEPOT		
			C	O	F	H	D		
04	TRIGGER HOUSING ASSEMBLY	Inspect Service Replace Repair Overhaul	0.1 0.1	0.1 0.2 0.2	0.1		1.0	10, 11	
0401	Trigger Actuating Assembly	Service Replace Repair Overhaul	0.1	0.1 0.2 0.2			0.5	10	
05	COVER ASSEMBLY	Inspect Service Replace Repair Overhaul	0.1 0.1	0.1 0.1	0.1		1.2	11	
0501	Feed Pawl Assembly	Service Replace Repair Overhaul	0.1	0.1	0.2 0.1		0.5	11	
06	RECEIVER ASSEMBLY	Inspect Service Repair Overhaul	0.1 0.2	0.1 0.2 0.2	0.1		0.5	8, 10, 11	A
0601	Receiver Body	Service Repair Overhaul	0.1	0.1	0.2		1.0	11	A
0602	Rear Sight Assembly	Inspect Service Replace Repair Overhaul	0.1 0.1	0.1 0.1 0.1			0.1	10	
060201	Slide Assembly	Service Replace Repair Overhaul	0.1	0.1 0.1 0.1			0.1	10	
0603	Machine Gun Bipod (M240B/M240G)	Inspect Service Replace Repair	0.1 0.1	0.1 0.1 0.1	0.1				
0603	Machine Gun Bipod (M240H)	Inspect Service Replace Repair	0.1 0.1	0.1 0.1 0.1	0.1				

**MAINTENANCE ALLOCATION CHART (MAC)
FOR M240 SERIES MACHINE GUN (cont)**
Table 2. Tool and Test Equipment Requirements for Machine Gun

(1) TOOL OR TEST EQUIPMENT REF CODE	(2) MAINTENANCE LEVEL	(3) NOMENCLATURE	(4) NATIONAL STOCK NUMBER	(5) TOOL NUMBER
1	F	Gage, Headspace Warning	4933-01-043-8211	11826299(CB39)
2	F	Gage, Headspace Reject	4933-01-043-8212	11826274(CB40)
3	F	Gage, Firing Pin Protrusion	4933-01-043-9450	11826304(CB189)
4	F	Gage, Breech Bore Erosion	5210-01-082-1714	11826298
5	F	Gage, Muzzle and Breechbore Wear	5220-01-082-5564	11826276
6	C	*Tool, Combination Scraper and Extractor	4933-01-033-1503	11826059
7	O	Tool, Removing, Ejector	4933-01-038-7179	11826076
8	F	Tool Disassembly, Cover Detent Plunger	4933-01-038-7183	11826077
9	O	Tool, Combination Front Sight Adjusting	1005-01-253-6088	12597079
10	O O/F	Tool Kit, Small Arms Repairman (Marine Corps only: Kit with addition of SL-3-00607A)	5180-01-462-4254	SC 5180-95-B71
11	F	Tools Kit, Intermediate Maintenance (Marine Corps only)	5180-01-147-2468	SL-3-08724A
12	O	Tools Kit, Organizational (Marine Corps only)	5180-01-147-2467	SL-3-00607A
13	F	Shop Set, Small Arms: Field Maintenance, Basic Less Power	4933-00-754-0664	SC 4933-95-CL-A11
14	O	Gas Port Erosion Tool	1005-01-512-9284	13002076

*Refer to WP 0040 for fabrication instructions of protective cover for this tool.

Table 3. Remarks for Machine Gun

Reference Code	Remarks
A	The A in the 5 th position of the SMR Code indicates special handling. This item meets security requirements and is serialized for accountability purposes.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS FOR M240 SERIES MACHINE)**

INTRODUCTION**SCOPE**

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement and diagnostic equipment (TMDE); and other special support equipment required for performance of unit and direct support maintenance of the M240 series Machine Gun. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) Code.

GENERAL

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

1. **Repair Parts List Work Packages.** Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include parts which may be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Sending units, brackets, filters and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG. BULK at the end of the work packages. Repair kits are listed separately in their own functional group and work package. Repair parts for reparable special tools are listed in their own functional group and work package. Repair parts for reparable special tools are also listed in separate work package. Items listed are shown on the associated illustrations.
2. **Special Tools List Work packages.** Work packages containing list of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column). Tools that are components of common tool sets and/or Class VII are not listed.
3. **Cross-Reference Index Work Packages.** There are three cross-reference indexes work packages in this RPSTL: the National Stock Number (NSN) Index work package, the Part Number Index work package, and the Reference Designator Index work package. The National Stock Number Index work package refers you the figure and item number. The Part Number Index work package refers you the figure and item number. The Reference Designator Index work package refers you the figure and item number.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS FOR M240 SERIES MACHINE (cont))**

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

SMR CODE (Column (2)). The SMR code containing supply/requisitioning information, maintenance level authorization criteria, and disposition instruction, as shown in the following breakout:

<u>Source Code</u>	<u>Maintenance Code</u>	<u>Recoverability Code</u>
xx	xx	x
1st two positions: How to get an item.	3rd position: Who can install, replace, or use the item.	4th position: Who can do complete repair* on the item.
		5th position: Who determines disposition action on unserviceable items.

*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

<u>Source Code</u>	<u>Application/Explanation</u>
PA	Stock items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level indicated by the code entered in the 3rd position of the SMR code.
PB	
PC	
PD	
PE	
PF	
PG	
NOTE Items coded PC are subject to deterioration.	
KD	Items with these codes are not to be requested/requisitioned individually. They are part of a kit, which is authorized to the maintenance level indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.
KF	
KB	

MO – Made
at unit/
AVUM level

MF – Made
at DS/AVIM
level

MH – Made
at GS level

ML – Made
at SRA

MD – Made
at depot

Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material, which is identified by the P/N in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group work package of the RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.

AO -
Assembled
by unit/
AVUM level

AF –
Assembled
by DS/
AVIM level

AH –
Assembled
by GS level

AL –
Assembled
by SRA

AD –
Assembled
by depot

Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.

- XA** - Do not requisition an "XA" coded item. Order the next higher assembly. (Refer to NOTE below.)
- XB** - If an item is not available from salvage, order it using the CAGEC and P/N.
- XC** - Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer's P/N.
- XD** - Item is not stocked. Order and XD-coded item through normal supply channels using the CAGEC and P/N given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes except for those items source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS FOR M240 SERIES MACHINE (cont))

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES (cont)

Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and forth positions of the SMR code as follows:

Third Position. The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following levels of maintenance:

<u>Maintenance Code</u>	<u>Application/Explanation</u>
C	- Crew or operator maintenance done within unit/AVUM maintenance.
O	- Unit level/AVUM maintenance can remove, replace, and use the item.
F	- Direct support/AVIM maintenance can remove, replace, and use the item.
H	- General support maintenance can remove, replace, and use the item.
L	- Specialized repair activity can remove, replace, and use the item.
D	- Depot can remove, replace, and use the item.

Forth Position. The maintenance code entered in the forth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).

<u>Maintenance Code</u>	<u>Application/Explanation</u>
O	- Unit/AVUM is the lowest level that can do complete repair of the item.
F	- Direct support/AVIM is the lowest level that can do complete repair of the item.
H	- General support is the lowest level that can do complete repair of the item.
L	- Specialized repair activity is the lowest level that can do complete repair of the item.
D	- Depot is the lowest level that can do complete repair of the item.
Z	- Non-reparable. No repair is authorized.
B	No repair is authorized. No parts or special tools are authorized for maintenance of "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is shown in the fifth position of the SMR code as follows:

<u>Recoverability Code</u>	<u>Application/Explanation</u>
Z	- Non-reparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
O	- Reparable item. When uneconomically repairable, condemn and dispose of the item at the unit support level.
F	- Reparable item. When uneconomically repairable, condemn and dispose of the item at the direct support level.
H	- Reparable item. When uneconomically repairable, condemn and dispose of the item at the general support level.
D	- Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item are not authorized below depot level.
L	- Reparable item. Condemnation and disposal of item are not authorized below Specialized Repair Activity (SRA).
A	- Item requires special handling or condemnation procedures because of specific reasons (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

NSN (Column (3)). The NSN for the item is listed in this column.

CAGEC (Column (4)). The Commercial and Government Entity Code (CAGEC) is a five-digit code which is used to identify the manufacture, distributor, or Government agency/activity that supplies the item.

PART NUMBER (Column (5)). Indicates the primary number used by the manufacturer (individual company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use an NSN to requisition an item, the item you receive may have a different P/N from the number listed.

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)). This column includes the following information:

1. The federal item name, and when required, a minimum description to identify the item.
2. P/N's of bulk materials are referenced in this column in the line entry to be manufactured or fabricated.
3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from electromagnetic pulse (EMP) damage during a nuclear attack.
4. The statement "END OF FIGURE" appears just below the last item description in column (6) for a given figure in both the repair parts list and special tools list work packages.

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS FOR M240 SERIES MACHINE (cont))

EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS (cont)

QTY (Column (7)). The QTY (quantity per figure) column indicates the quantity of the item used in the breakout shown on the illustration/figure, which is prepared for a functional group, sub-functional group, or an assembly. A "V" appearing in this column instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS

1. National Stock Number (NSN) Index Work Package.

STCOK NUMBER Column. This column lists the NSN in National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN.

<u>NSN</u> (e.g., 5385-01-574-1476) <u>NIIN</u>	When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number.
---	--

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG. Column. This item is also identified by the NSN listed on the same line.

2. Part Number (P/N) Index Work Package. P/ns in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations which places the first letter of digit of each group in order A through Z, followed by numbers 0 through 9 and each following letter or digit in like order.

PART NUMBER Column. Indicates the P/N assigned to the item/

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

Reference Designator Index Work Package. Reference designators in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations which places the first letter of digit of each group in order A through Z, followed by numbers 0 through 9 and each following letter or digit in like order.

REFERENCE DESIGNATOR Column. Indicates the reference designator assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

SPECIAL INFORMATION

UOC. The UOC appears in the lower left corner of the Description Column heading. Usable on codes are shown as "UOC:..." in the Description Column (justified left) on the first line under the applicable item/nomenclature. Uncoded items are applicable to all models. Identification of the UOCs used in the RPSTL are:

<u>Code</u>	<u>Used On</u>
G69	M240
BB2	M240B
L04	M240C
BC2	M240D
AG8	M240E1
BC6	M240G
BN4	M240H
BJ8	M240N

Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of the RPSTL. Part numbers for bulk material are also referenced in the Description Column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for the items source coded to be manufactured or fabricated are found in this manual.

HOW TO LOCATE REPAIR PARTS

1. When NSNs or P/Ns Are Not Known.

First. Using the table of contents, determine the assembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and sub-assembly groups, and lists are divided into the same groups.

Second. Find the figure covering the functional group or the sub-functional group to which the item belongs.

Third. Identify the item on the figure and note the number(s).

Fourth. Look in the repair parts list work packages for the figure and item numbers. The NSNs and part numbers are on the same line as the associated item numbers.

2. When NSN Is Known.

First. If you have the NSN, look in the STOCK NUMBER column of the NSN index work package. The NSN is arranged in NIIN sequence. Note the figure and item number next to the NSN.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

2. When P/N Is Known.

First. If you have the P/N and not the NSN, look in the PART NUMBER column of the P/N index work package. Identify the figure and item number.

Second. Look up the item on the figure in the applicable repair parts list work package.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS FOR M240 SERIES MACHINE (cont))**

HOW TO LOCATE REPAIR PARTS (cont)

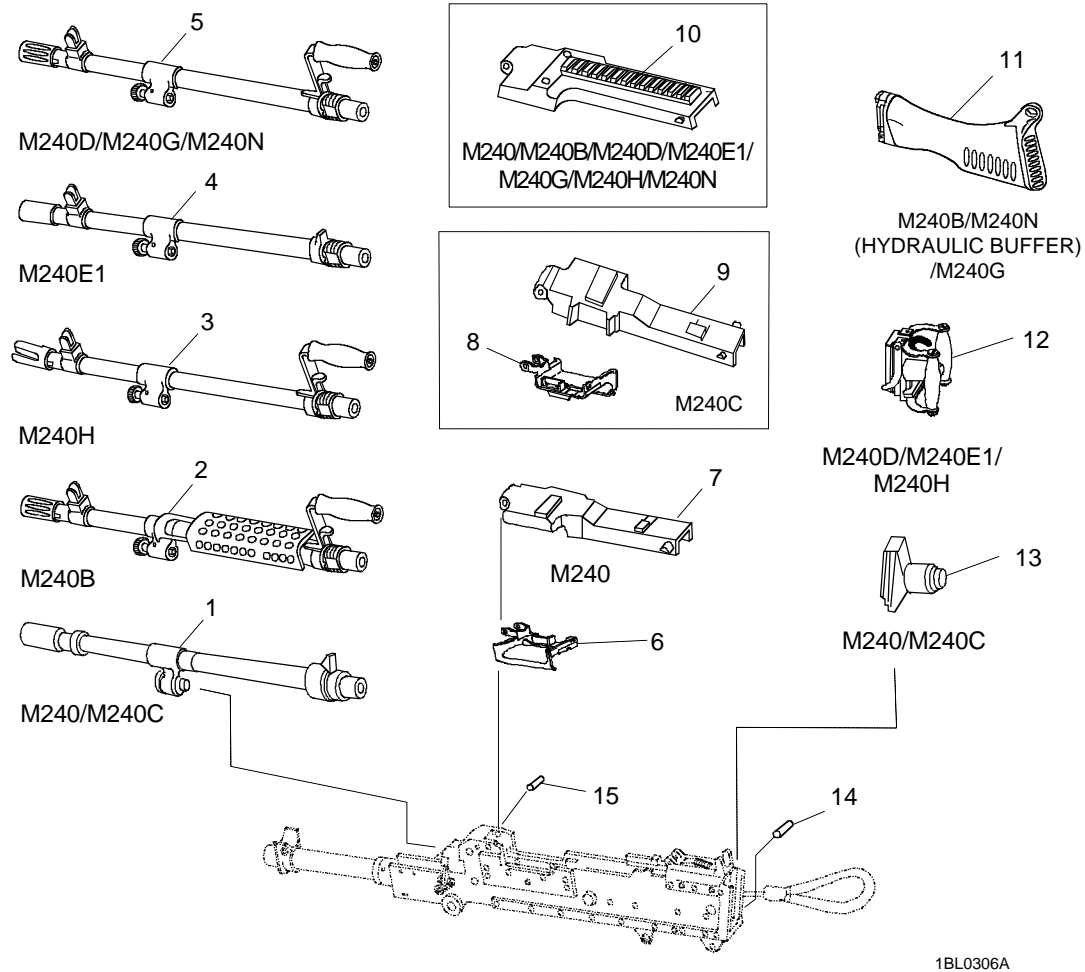
3. When Reference Designator Is Known.

First. If you know the reference designator, look in the REFERENCE DESIGNATOR column of the reference designator index work package. Note the figure and item number.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

ABBREVIATIONS. N/A

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
MACHINE GUN, 7.62MM, M240, NSN 1005-01-025-8095, PN 11826290;
M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175;
M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033;
M240G, NSN 1005-01-359-2714, PN 12997566; M240H, NSN 1005-01-518-2410, PN 13008366;
M240N, NSN 1005-01-493-1666, PN 12999178**



**Figure 1. Machine Gun, 7.62MM, M240, PN 11826290; M240B, PN 12976814;
M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033;
M240G, PN 12997566; M240H, PN 13008366; M240N, PN 12999178 (Sheet 1 of 2)**

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
 MACHINE GUN, 7.62MM, M240, NSN 1005-01-025-8095, PN 11826290;
 M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175;
 M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033;
 M240G, NSN 1005-01-359-2714, PN 12997566; M240H, NSN 1005-01-518-2410, PN 13008366;
 M240N, NSN 1005-01-493-1666, PN 12999178

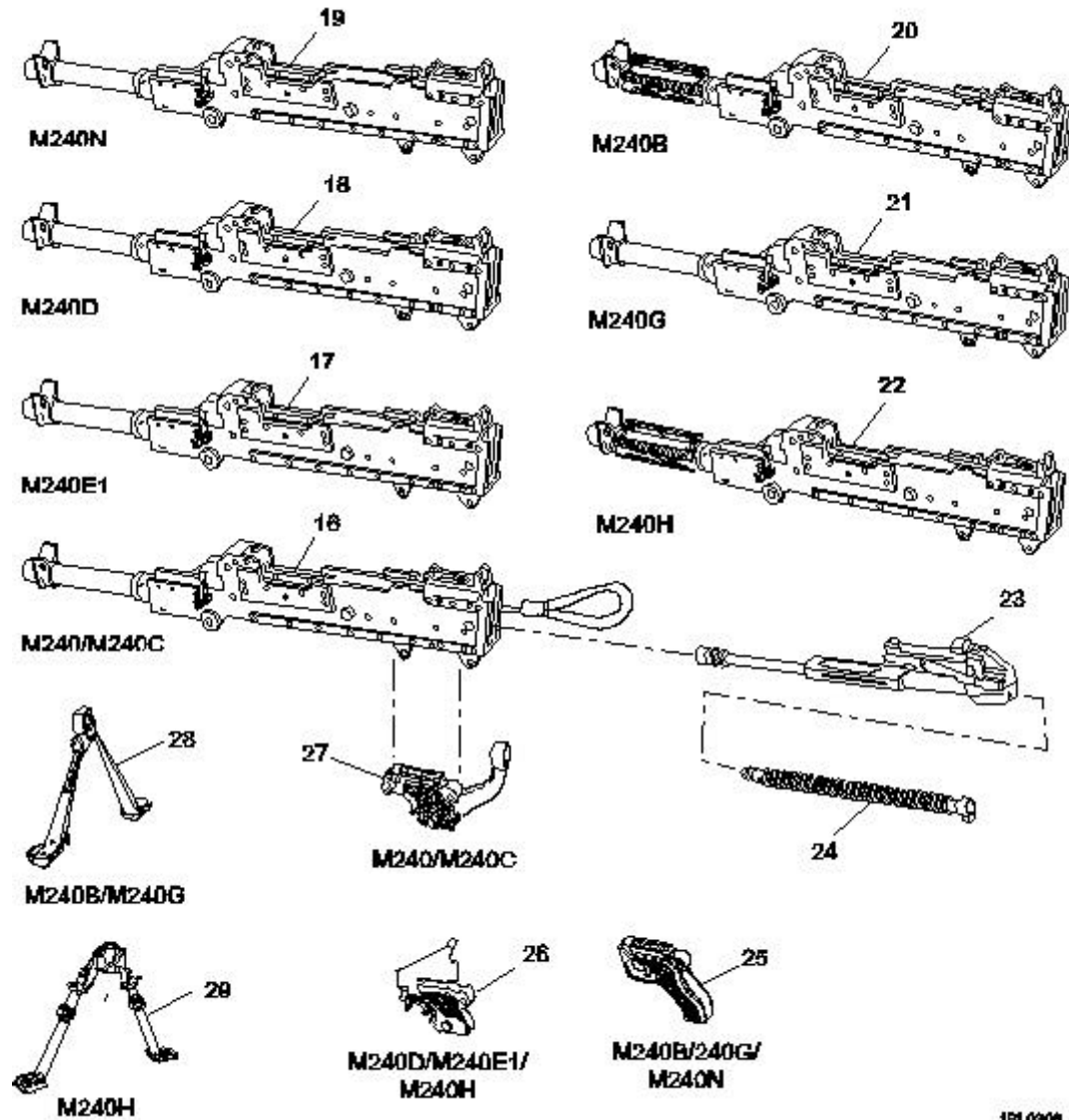


Figure 1. Machine Gun, 7.62MM, M240, PN 11826290; M240B, PN 12976814;
 M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033;
 M240G, PN 12997566; M240H, PN 13008366; M240N, PN 12999178 (Sheet 2 of 2)

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 00	
					FIGURE 1. MACHINE GUN, 7.62MM, M240, PN 11826290; M240B, PN 12976814; M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033; M240G, PN 12997566; M240H, PN 13008366; M240N, PN 12999178	
1	PAFFF	1005-01-044-1026	19200	11825985	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: G69, L04	1
2	AFOFF		19200	12976817	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: BB2	1
3	PAFFF	1005-01-522-4817	19200	13008220	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: BN4	1
4	PAFFF	1005-01-251-9701	19200	12597035	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: AG8	1
5	PAFFF	1005-01-408-5897	19200	12976818	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: BC2, BC6, BJ8	1
6	PAOZZ	1005-01-032-8143	19200	11826006	TRAY, FEED UOC: AG8, BB2, BC2, BC6, BJ8, BN4, G69	1
7	AFOFF A0000*		19200	11826165	COVER ASSEMBLY SEE FIG. 12 FOR BRKDWN UOC: G69	1
8	PAOZZ	1005-01-091-0683	19200	11826020	TRAY, FEED, RH, M240C UOC: L04	1
9	AFOFF A0000*		19200	11826038	COVER ASSEMBLY SEE FIG. 12 FOR BRKDWN UOC: L04	1
10	AFOFF		19200	12977101	COVER ASSEMBLY SEE FIG. 12 FOR BRKDWN UOC: AG8, BB2, BC2, BC6, BJ8, BN4, G69	1
11	PAOFF	1005-01-408-5901	19200	12976851	BUTTSTOCK AND BUFFER ASSEMBLY SEE FIG. 6 FOR BRKDWN UOC: BC6	1
11	PAOFF	1005-01-461-2658	19200	12988986	BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY SEE FIG. 6 FOR BRKDWN UOC: BB2, BJ8	1
12	PAOFF	1005-01-251-9692	19200	12597057	GRIP ASSEMBLY, BUFFER ND SPADE SEE FIG. 5 FOR BRKDWN UOC: AG8, BC2, BN4	1
13	PAOFF	1005-01-257-9253	19200	11826211	BUFFER ASSEMBLY SEE FIG. 5 FOR BRKDWN UOC: G69, L04	1
14	PAOZZ	5315-01-033-3888	19200	11826160	PIN, SPRING	1
15	PAOZZ	5315-01-035-0827	19200	11826277	PIN, SPRING	1

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
MACHINE GUN, 7.62MM, M240, NSN 1005-01-025-8095, PN 11826290;
M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175;
M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033;
M240G, NSN 1005-01-359-2714, PN 12997566; M240H, NSN 1005-01-518-2410, PN 13008366;
M240N, NSN 1005-01-493-1666, PN 12999178

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 00 (cont)	
					FIGURE 1. MACHINE GUN, 7.62MM, M240, PN 11826290; M240B, PN 12976814; M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033; M240G, PN 12997566; M240H, PN 13008366; M240N, PN 12999178	
16	XAFDA		19200	11826192	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDOWN UOC: G69, L04	1
17	XAFDA		19200	12597044	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDOWN UOC: AG8	1
18	XAFDA		19200	12977104	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDOWN UOC: BC2, BN4	1
19	XAFDA		19200	12999179	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDOWN UOC: BJ8	1
20	XAFDA		19200	12976834	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDOWN UOC: BB2	1
21	XAFDA		19200	12997566	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDOWN UOC: BC6	1
22	XAFDA		19200	13008744	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDOWN UOC: BN4	1
23	AFOFF		19200	11826070	BOLT AND OPERATING ROD ASSEMBLY SEE FIG. 7 FOR BRKDOWN UOC: AG8, G69, L04	1
23	AFOFF		19200	12976866	BOLT AND OPERATING ROD ASSEMBLY SEE FIG. 7 FOR BRKDOWN UOC: BB2, BC2, BC6, BJ8, BN4	1
24	PAOZZ	1005-01-035-0829	19200	11826024	ROD ASSEMBLY, DRIVING SPRING	1
25	PAOFF PAOOO*	1005-01-408-6669	19200	12976869	TRIGGER HOUSING ASSEMBLY SEE FIG. 10 FOR BRKDOWN UOC: BB2, BC6, BJ8	1
26	PAOFF PAOOO*	1005-01-525-5050	19200	13008368	TRIGGER HOUSING ASSEMBLY SEE FIG. 10 FOR BRKDOWN UOC: AG8, BC2, BN4	1

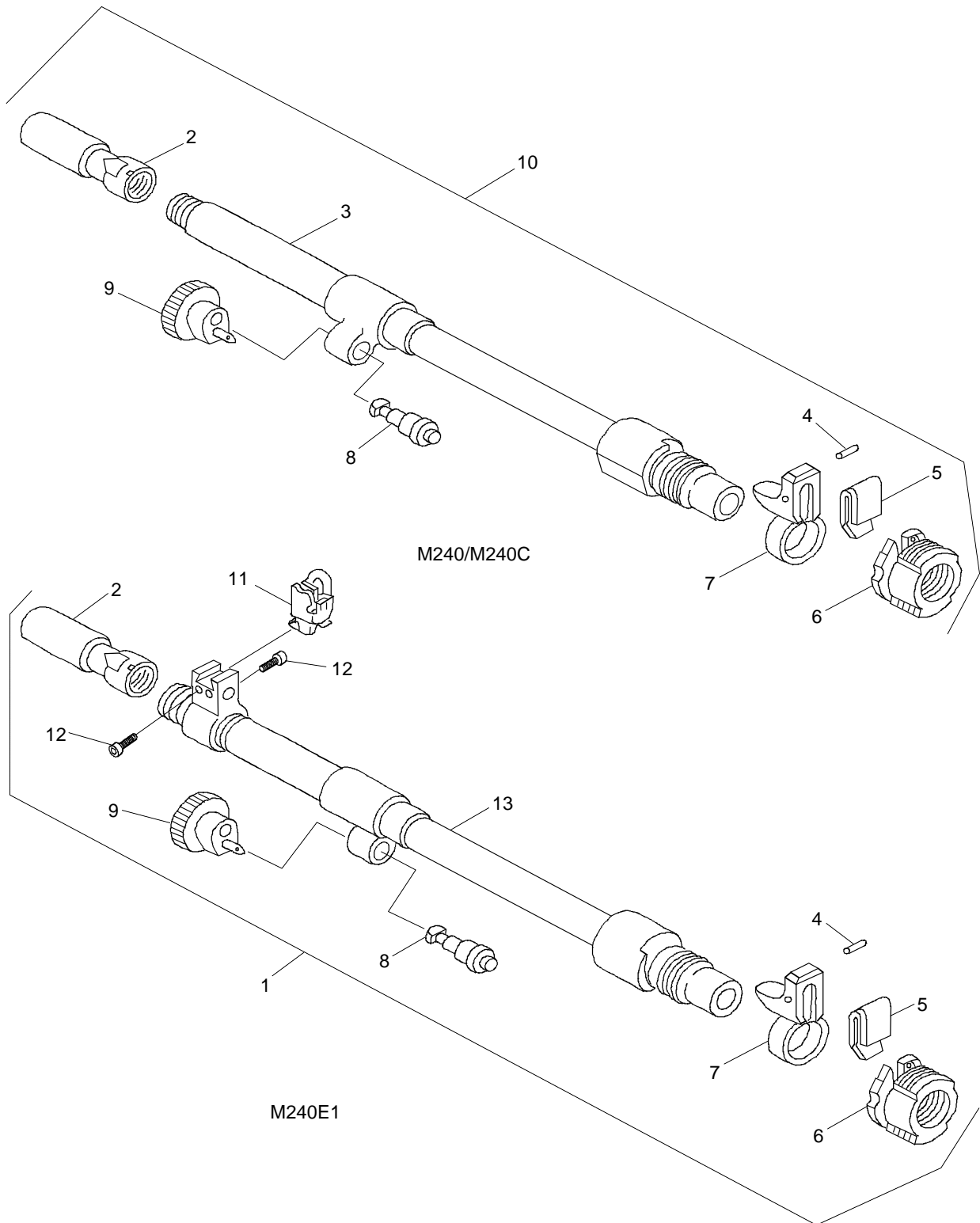
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 00 (cont)						
27	PAOFF PAOOO*	1005-01-440-8010	19200	11826230	FIGURE 1. MACHINE GUN, 7.62MM, M240, PN 11826290; M240B, PN 12976814; M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033; M240G, PN 12997566; M240H, PN 13008366; M240N, PN 12999178 TRIGGER HOUSING ASSEMBLY SEE FIG. 10 FOR BRKDOWN UOC: G69, L04.....	1
28	PAOFF	1005-01-408-5905	19200	12976883	BIPOD ASSEMBLY SEE FIG. 18 FOR BRKDOWN UOC: BB2, BC6.....	1
29	PAOFF	1005-01-522-0759	19200	13001481	BIPOD ASSEMBLY SEE FIG. 18 FOR BRKDOWN UOC: BN4.....	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
 BARREL ASSEMBLY, M240/M240C, NSN 1005-01-044-1026, PN 11825985;
 M240B, NSNA, PN 12976817; M240D/M240G/M240N, NSN 1005-01-408-5897, PN 12976818;
 M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, PN 13008220 (cont)**



1BL0307

**Figure 2. Barrel Assembly, M240/M240C, PN 11825985; M240B, PN 12976817,
 M240D/M240G/M240N, PN 12976818; M240E1, PN 12597035; M240H, PN 13008220 (Sheet 1 of 2)**

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
BARREL ASSEMBLY, M240/M240C, NSN 1005-01-044-1026, PN 11825985;
M240B, NSNA, PN 12976817; M240D/M240G/M240N, NSN 1005-01-408-5897, PN 12976818;
M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, PN 13008220 (cont)**

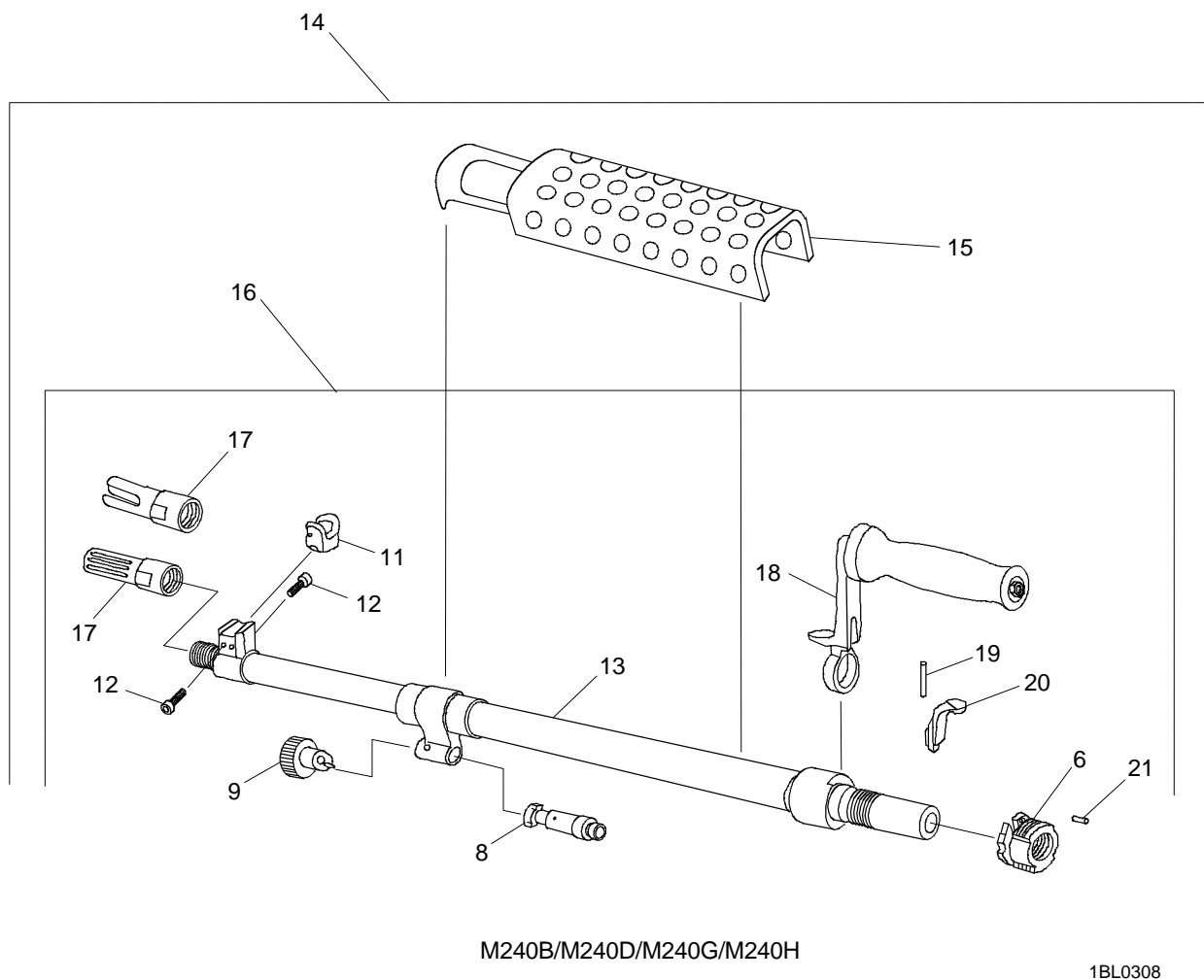


Figure 2. Barrel Assembly, M240/M240C, PN 11825985; M240B, PN 12976817, M240D/M240G/M240N, PN 12976818; M240E1, PN 12597035; M240H, PN 13008220 (Sheet 2 of 2)

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01 BARREL ASSEMBLY	
					FIGURE 2. BARREL ASSEMBLY, M240/M240C, PN 11825985; M240B, PN 12976817; M240D/M240G/M240N, PN 12986818; M240E1, PN 12597035; M240H, PN 13008220	
1	PAFFF	1005-01-251-9701	19200	12597035	BARREL ASSEMBLY	
					UOC: AG8.....	1
2	PAOZZ	1005-01-032-8152	19200	11826002	FLASH HIDER	
					UOC: AG8, G69, L04	1
3	XAFZZ		19200	11825986	BARREL, MACHINE GUN	
					UOC: G69, L04	1
4	PAFZZ	5315-00-710-2735	80205	MS16562-122	PIN, SPRING	
					UOC: AG8, G69, L04	1
5	PAFZZ	1005-01-032-8146	19200	11825999	LATCH, BARREL	
	PAOZZ*				UOC: AG8, G69, L04	1
6	PAFZZ	1005-01-033-3900	19200	11826001	ADAPTER, BARREL, MACHINE	1
	PAOZZ*					
7	PAFZZ	1005-01-034-6503	19200	11825997	RELEASE, BARREL	
	PAOZZ*				UOC: AG8, G69, L04	1
8	PAOZZ	1005-01-033-3899	19200	11826003	PLUG, GAS REGULATOR	
					UOC: AG8, BC6, BJ8, G69, L04	1
8	PAOZZ	1005-01-512-6424	19200	13001601	PLUG, GAS REGULATOR	
					UOC: BB2, BN4	1
9	PAOZZ	1005-01-036-7160	19200	11825992	COLLAR, GAS	1
10	PAFFF	1005-01-044-1026	19200	11825985	BARREL ASSEMBLY	
					UOC: G69, L04	1
11	AOOOO		19200	12597038	SIGHT ASSEMBLY, FRONT	
					SEE FIG. 3 FOR BRKDOWN	
					UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
12	PAOZZ	5305-01-251-9731	19200	12597043	SCREW, SELF-LOCKING FRONT	
					SIGHT	
					UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
13	XAFZZ	1005-01-251-9757	19200	12597036	BARREL, MACHINE GUN	
	PAFZZ*				UOC: AG8, BB2, BC2BN4	1
14	AFOFF		19200	12976817	BARREL ASSEMBLY	
					UOC: BB2	1
15	PAOZZ	1005-01-431-0664	19200	12976831	HEAT SHIELD	
					UOC: BB2	1
16	PAFFF	1005-01-408-5897	19200	12976818	BARREL ASSEMBLY	
					UOC: BB2, BC2, BC6, BJ8	1
16	PAFFF	1005-01-522-4817	19200	13008220	BARREL ASSEMBLY	
					UOC: BN4	1
17	PAOZZ	1030-01-408-3578	19200	12976830	FLASH SUPPRESSOR	
					UOC: BB2, BC2, BC6, BJ8	1
17	PAOZZ	1005-01-522-0757	19200	12999955	FLASH SUPPRESSOR	
					UOC: BN4	1
18	PAFFF	1005-01-408-3585	19200	12976819	CARRYING HANDLE ASSEMBLY,	
	PAOOO*				BARREL	
					SEE FIG. 4 FOR BRKDOWN	
					UOC: BB2, BC2, BC6, BJ8, BN4	1
19	PAFZZ	5360-01-410-9257	19200	12976827	SPRING, CATCH, BARREL	
	PAOZZ*				UOC: BB2, BC2, BC6, BJ8, BN4	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01 BARREL ASSEMBLY	
					FIGURE 2. BARREL ASSEMBLY, M240/M240C, PN 11825985; M240B, PN 12976817; M240D/M240G/M240N, PN 12986818; M240E1, PN 12597035; M240H, PN 13008220	
20	PAFZZ PAOZZ*	1005-01-408-5419	19200	12976828	CATCH BRACKET, BARREL UOC: BB2, BC2, BC6, BJ8, BN4.....	1
21	PAFZZ PAOZZ*	5315-01-409-0142	19200	12976829	PIN, STRAIGHT UOC: BB2, BC2, BC6, BJ8.....	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
FRONT SIGHT ASSEMBLY, NSNA, PN 12597038**

This page intentionally left blank.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
FRONT SIGHT ASSEMBLY, NSNA, PN 12597038 (cont)**

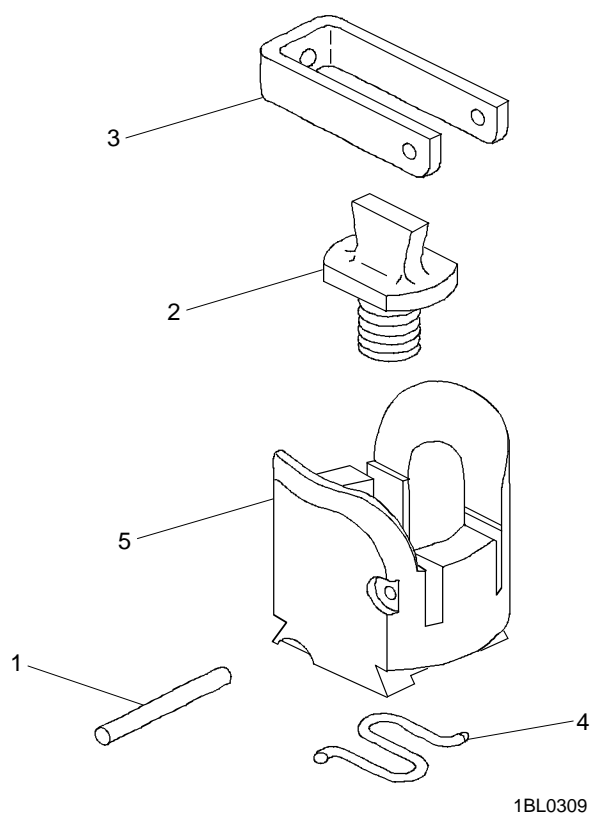


Figure 3. Front Sight Assembly, PN 12597048

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0101	
					FIGURE 3. FRONT SIGHT ASSEMBLY, PN 12597038	
1	PAOZZ	5315-00-410-4853	80205	MS51923-152	PIN, SPRING UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
2	PAOZZ	1005-01-255-4233	19200	12597040-1	BLADE, FRONT SIGHT (NO. 1 – 9.8mm) UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
2	PAOZZ	1005-01-255-4232	19200	12597040-2	BLADE, FRONT SIGHT (NO. 2 – 11.8mm) UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
3	PAOZZ	5340-01-251-9729	19200	12597041	STRAP, RETAINING FRONT SIGHT UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
4	PAOZZ	5360-01-251-9688	19200	12597042	SPRING, ADJUSTING, FRONT SIGHT UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
5	PAOZZ	1005-01-251-9687	19200	12597039	PROTECTOR, FRONT SIGHT UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1

END OF FIGURE

END OF WORK PACKAGE

This page left blank intentionally.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
HANDLE ASSEMBLY, CARRYING, NSN 1005-01-408-3585, PN 12976819**

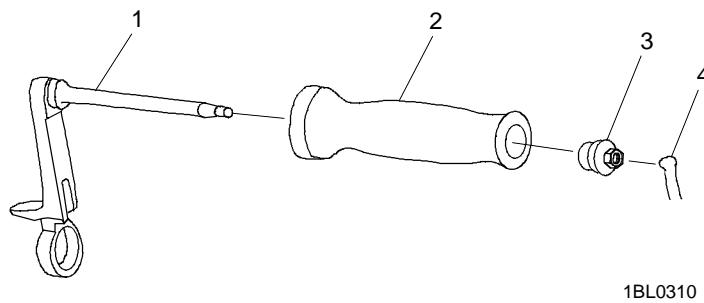


Figure 4. Handle Assembly, Carrying, PN 12976819

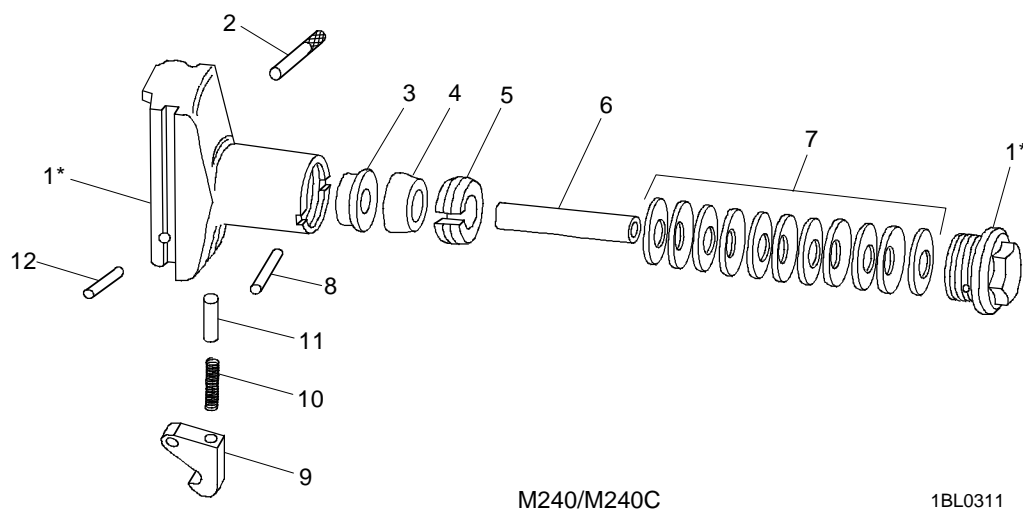
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0102	
					FIGURE 4. HANDLE ASSEMBLY, CARRYING, PN 12976819	
1	XAFZZ XAOZZ*		19200	12976823	BRACKET ASSEMBLY, CARRYING HANDLE UOC: BB2, BC2, BC6, BJ8, BN4	1
2	PAFZZ PAOZZ*	1005-01-408-3590	19200	12976820	HANDLE, CARRYING UOC: BB2, BC2, BC6, BJ8, BN4	1
3	PAFZZ PAOZZ*	5310-01-408-3593	19200	12976821	NUT, RETAINING, CARRYING HANDLE UOC: BB2, BC2, BC6, BJ8, BN4	1
4	MOOZZ		96906	MS9226-04	WIRE, STEEL, CRES., SAFETY (Make from BULK item 2) UOC: BB2, BC2, BC6, BJ8, BN4	1

END OF FIGURE

*MARINE CORPS ONLY

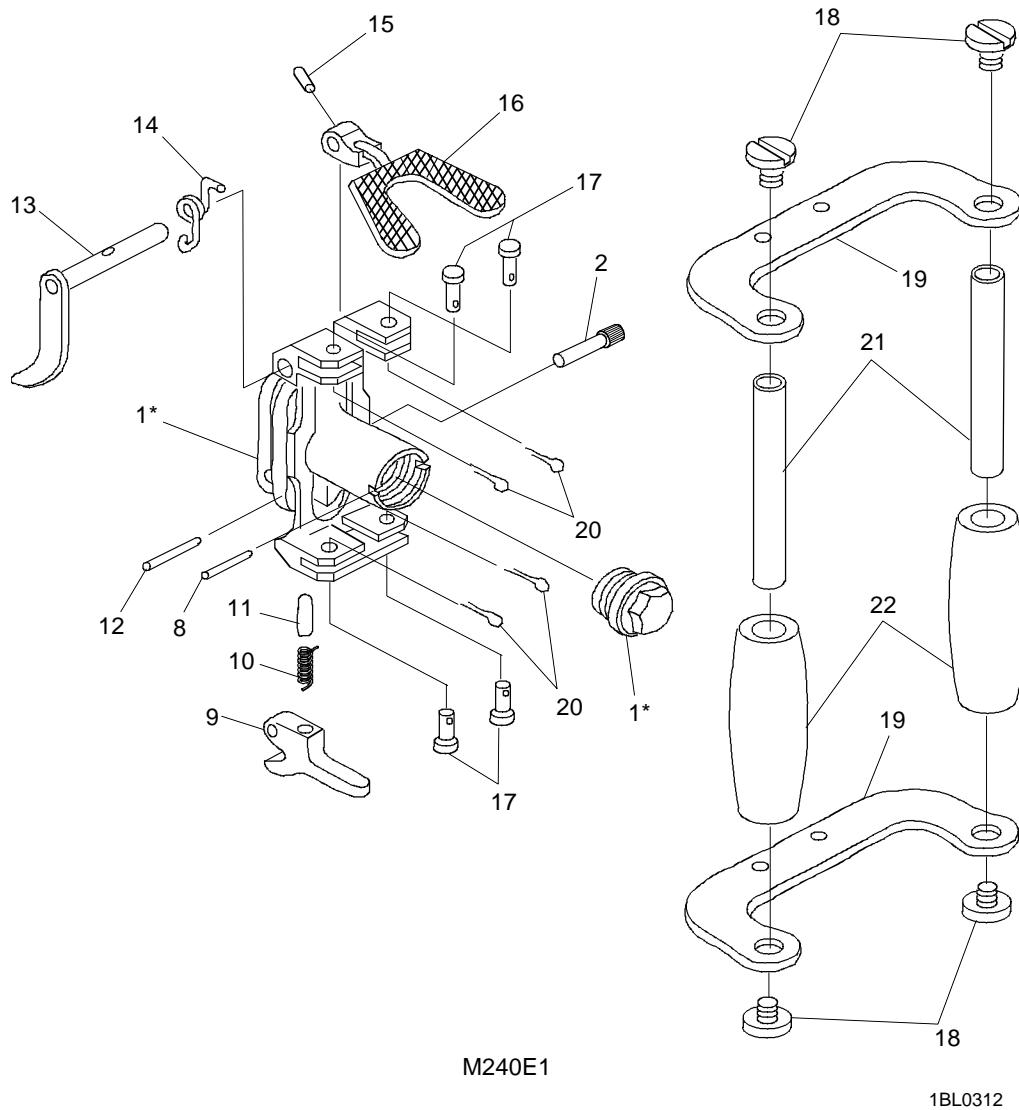
END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
BUFFER ASSEMBLY, M240/M240C, NSN 1005-01-257-9253, PN 11826211;
BUFFER AND SPADE GRIP ASSEMBLY, M240D/M240E1/M240H, NSN 1005-01-251-9692,
PN 12597057**



**Figure 5. Buffer Assembly, M240/M240C, PN 11826211; and
Buffer and Spade Grip Assembly, M240D/M240E1/M240H, PN 12597057 (Sheet 1 of 2)**

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
 BUFFER ASSEMBLY, M240/M240C, NSN 1005-01-257-9253, PN 11826211; AND
 BUFFER AND SPADE GRIP ASSEMBLY, M240D/M240E1/M240H, NSN 1005-01-251-9692,
 PN 12597057**



**Figure 5. Buffer Assembly, M240/M240C, PN 11826211; and
 Buffer and Spade Grip Assembly, M240D/M240E1/M240H, PN 12597057 (Sheet 2 of 2)**

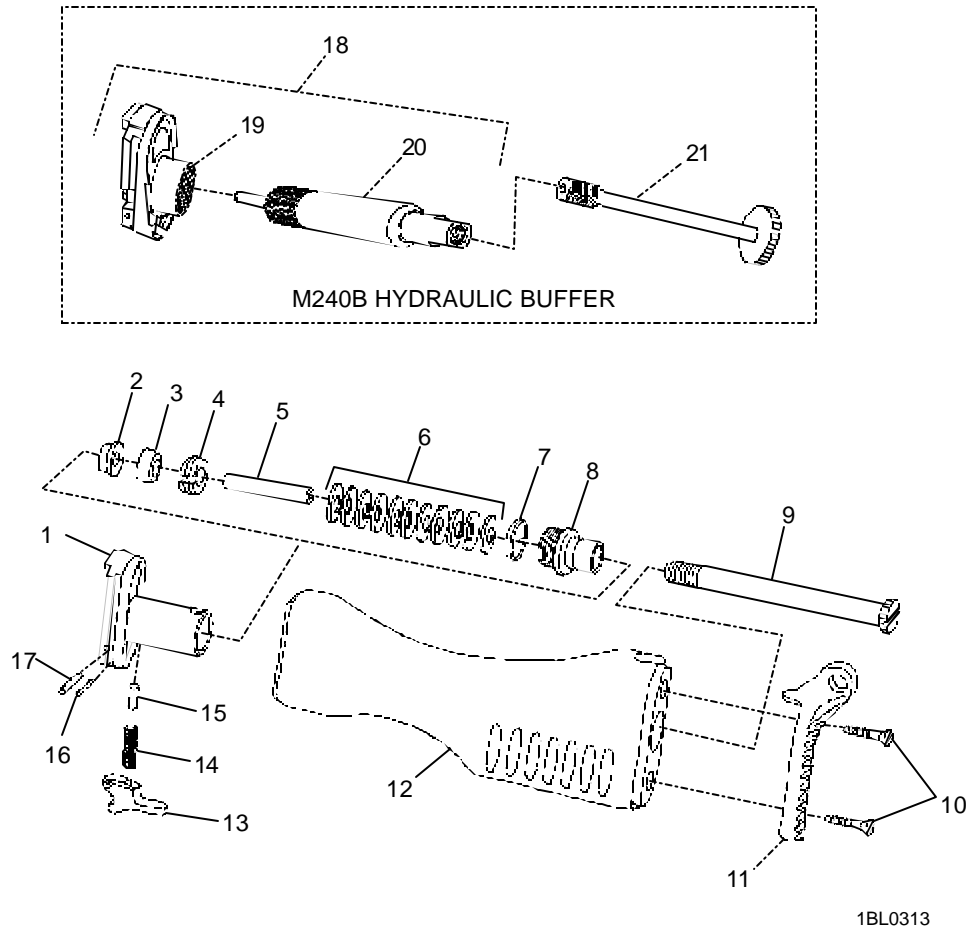
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 02						
1	XAFZZ		19200	12597058	FIGURE 5. BUFFER ASSEMBLY, M240/M240C, PN 11826211; AND BUFFER AND SPADE GRIP ASSEMBLY, M240D/M240E1/M240H, PN12597057	
1	XAOZZ		19200	11826152	BUFFER, HOUSING AND PLUG ASSEMBLY (ISSUED AS A SET) UOC: AG8, BC2, BN4	1
2	PAFZZ	5315-01-033-3886	19200	11826216	BUFFER, HOUSING AND PLUG ASSEMBLY (ISSUED AS A SET) UOC: G69, L04	1
3	PAFZZ	1005-01-033-1505	19200	11826218	PIN, STRAIGHT HEADED	1
4	PAFZZ	1005-01-032-8149	19200	11826219	PLUG, BUFFER UOC: AG8, BC2, G69, L04	1
5	PAFZZ	1005-01-032-8150	19200	11826220	CONE, BUFFER, BRAKING UOC: AG8, BC2, G69, L04	1
6	PAFZZ	5365-01-033-3931	19200	11826222	RING, EXPANSION UOC: AG8, BC2, G69, L04	1
7	PAFZZ	5310-01-033-3851	19200	11826221	SPACER, SLEEVE UOC: AG8, BC2, G69, L04	1
8	PAFZZ	5315-00-832-4132	96906	MS39086-147	WASHER, SPRING (ISSUED AS A SET) UOC: AG8, BC2, G69, L04	1
9	PAFZZ	5340-01-251-9695	19200	12597062	PIN, SPRING UOC: AG8, BC2, BN4, G69, L04	1
9	PAFZZ	5340-01-032-8147	19200	11826213	LATCH, BACK PLATE UOC: AG8, BC2, BN4	1
10	PAFZZ	5360-01-033-3926	19200	11826214	LATCH, BACK PLATE UOC: G69, L04	1
11	PAFZZ	5340-01-033-3909	19200	11826215	SPRING, HELICAL UOC: AG8, BC2, BN4, G69, L04	1
12	PAFZZ	5315-00-806-0213	96906	MS171475	PLUNGER, DETENT UOC: AG8, BC2, BN4, G69, L04	1
13	PAOZZ	1005-01-251-9693	19200	12597066	PIN, SPRING UOC: AG8, BC2, BN4, G69, L04	1
14	PAOZZ	5360-01-251-9725	19200	12597069	ARM ASSEMBLY, UPPER UOC: AG8, BC2, BN4	1
15	PAOZZ	5315-00-812-1006	96906	MS39086-80	SPRING, HELICAL, TORSION, ARM UOC: AG8, BC2, BN4	1
16	PAOZZ	1005-01-251-9694	19200	12597063	PIN, SPRING UOC: AG8, BC2, BN4	1
17	PAFZZ	5315-00-515-2854	19200	5152854	TRIGGER ASSEMBLY UOC: AG8, BC2, BN4	1
18	PAFZZ	5305-00-500-9394	19200	5009394	PIN, STRAIGHT, HEADED UOC: AG8, BC2, BN4	4
19	PAFZZ	5340-00-600-8937	19200	6008937	SCREW, MACHINE UOC: AG8, BC2, BN4	4
20	PAFZZ	5315-00-731-2517	19200	7312517	FRAME UOC: AG8, BC2, BN4	2
21	PAFZZ	1005-00-918-2617	19200	5009369	PIN, LOCK UOC: AG8, BC2, BN4	4
22	PAFZZ	1005-00-726-5561	19204	7265561	TUBE, HANDLE GRIP UOC: AG8, BC2, BN4	2
					GRIP, MACHINE GUN UOC: AG8, BC2, BN4	2

END OF FIGURE

END OF WORK PACKAGE

This page intentionally left blank.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, NSN 1005-01-461-2686,
PN 12988986; AND BUTTSTOCK AND BUFFER ASSEMBLY, M240G, NSN 105-01-408-5901,
PN 12976851**



**Figure 6. Buttstock and Hydraulic Buffer Assembly, M240B/M240N, PN 12988986,
and Buttstock and Buffer Assembly, M240G, PN 12976851**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 02						
FIGURE 6. BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240N, PN 12988986; BUTTSTOCK AND BUFFER ASSEMBLY, M240G, PN 12976851						
1	PAFZZ	1030-01-408-3597	19200	12976859	BUFFER BLOCK UOC: BC6	1
2	PAFZZ	1005-01-033-1505	19200	11826218	PLUG, BUFFER UOC: BC6	1
3	PAFZZ	1005-01-032-8149	19200	11826219	CONE, BUFFER, BRAKING UOC: BC6	1
4	PAFZZ	1005-01-032-8150	19200	11826220	RING, EXPANSION UOC: BC6	1
5	PAFZZ	5365-01-033-3931	19200	11826222	SPACER, SLEEVE UOC: BC6	1
6	PAFZZ	5310-01-033-3851	19200	11826221	WASHER, SPRING (ISSUED AS A SET) UOC: BC6	1
7	PAFZZ	5310-01-408-3628	01365	93013A3204	WASHER, TAB, RETAINING UOC: BC6	1
8	PAFZZ	1030-01-408-4891	01365	93013A3201	BUSHING, BUFFER BLOCK UOC: BC6	1
9	PAOZZ	5305-01-408-4892	19200	12976862	BUTT SCREW UOC: BC6	1
10	PAOZZ	5305-01-408-4890	19200	12976864	SCREW, BUTT PLATE UOC: BB2, BC6, BJ8.....	2
11	PAOZZ	1005-01-408-5417	19200	12976863	BUTTPLATE UOC: BB2, BC6, BJ8.....	1
12	PAOZZ	1005-01-453-9051	19200	12976852	BUTTSTOCK ASSEMBLY UOC: BB2, BC6, BJ8.....	1
13	PAFZZ	1030-01-408-3594	19200	12976861	CATCH BUFFER UOC: BB2, BC6, BJ8.....	1
14	PAFZZ PAOZZ*	5360-01-033-3926	19200	11826214	SPRING, HELICAL COMP UOC: BB2, BC6, BJ8.....	1
15	PAFZZ PAOZZ*	5340-01-033-3909	19200	11826215	DETENT, PLUNGER UOC: BB2, BC6, BJ8.....	1
16	PAFZZ PAOZZ*	5315-00-806-0213	96906	MS171475	PIN, STRAIGHT UOC: BB2, BC6, BJ8.....	1
17	PAFZZ PAOZZ*	5315-01-033-3886	19200	11826216	PIN, STRAIGHT, HEADED UOC: BB2, BC6, BJ8.....	1
18	PAFZZ	1005-01-472-8350	19200	12988984	BUFFER ASSEMBLY (HYDRAULIC) UOC: BB2, BJ8.....	1
19	XAFZZ		19200	12988989	. BUFFER BLOCK (HYDRAULIC) UOC: BB2, BJ8.....	1
20	PAFZZ	1005-01-461-0326	19200	12988988	. BUFFER, HYDRAULIC UOC: BB2, BJ8.....	1
21	PAOZZ	5305-01-461-0327	19200	12988985	BUTT SCREW (HYDRAULIC BUFFER) UOC: BB2, BJ8.....	1

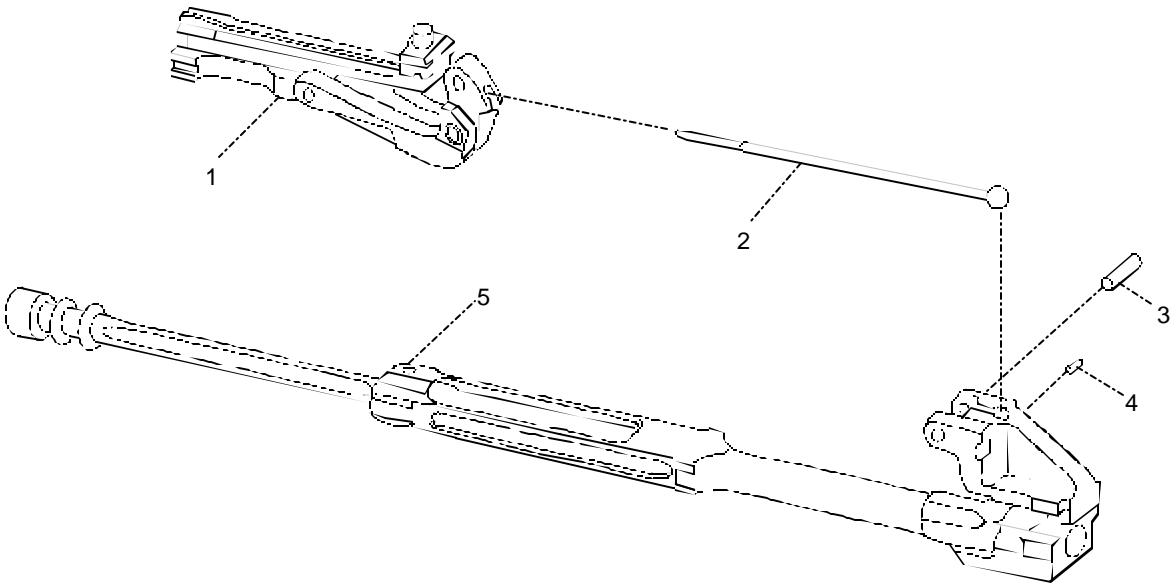
END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

0049 00-3/4 blank

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
BOLT AND OPERATING ROD ASSEMBLY, M240/M240C/M240E1, NSNA, PN 11826070;
M240B/M240D/M240G/M240N, NSNA, PN 12976866



1BL0314

Figure 7. Bolt and Operation Rod Assembly,
M240/M240C/M240E1, PN 11826070;
M240B/M240D/M240G, PN 12976866

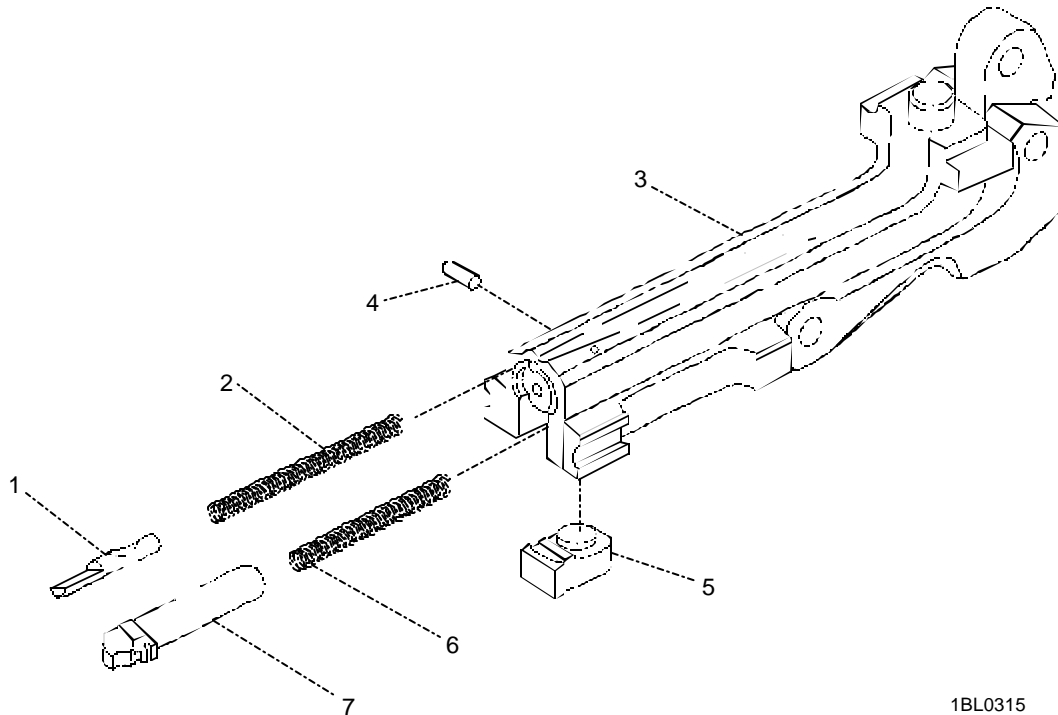
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03						
FIGURE 7. BOLT AND OPERATING ROD ASSEMBLY, M240/M240C/ M240E1, PN 11826070; M240B/M240D/M240G/M240N, PN 12976866						
1	AFFFF		19200	11826057	BOLT ASSEMBLY SEE FIG. 8 FOR BRKDNW	1
2	PAOZZ	1005-01-033-1523	19200	11826065	PIN, FIRING	1
3	PAOZZ	5315-01-037-5586	19200	11826054	PIN, SPRING	1
4	PAOZZ	5315-01-033-8873	19200	11826068-1	PIN, SPRING	1
5	PAFZZ	1005-01-033-3901	19200	11826072	ROD ASSEMBLY, OPERATING UOC: AG8, G69, L04.....	1
5	PAFZZ PAOZZ*	1005-01-413-6992	19200	12976867	ROD ASSEMBLY, OPERATING UOC: BB2, BC2, BC6, BJ8.....	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
BOLT ASSEMBLY, NSNA, PN 11826057**



1BL0315

Figure 8. Bolt Assembly, PN 11826057

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0301						
FIGURE 8. BOLT ASSEMBLY, PN 11826057						
1	PAOZZ	1005-01-033-1525	19200	11826067	EJECTOR, CARTRIDGE	1
2	PAOZZ	5360-01-033-8885	19200	11826069	SPRING, HELICAL	1
3	PAFFF	1005-01-033-9410	19200	11826040	BOLT, BREECH BODY ASSEMBLY SEE FIG. 9 FOR BRKDOWN	1
4	PAOZZ	5315-01-033-3887	19200	11826068-3	PIN. SPRING	1
5	PAOZZ	1005-01-033-4538	19200	11826060	EXTRACTOR, CARTRIDGE	1
6	PAOZZ	5360-13-110-9364	19200	11826062	SPRING ASSEMBLY	1
7	PAOZZ	1005-01-032-8142	19200	11826061	PLUNGER, EXTRACTOR	1

END OF FIGURE

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
BREECH BODY ASSEMBLY BOLT, NSN 1005-01-033-9410, PN 11826040**

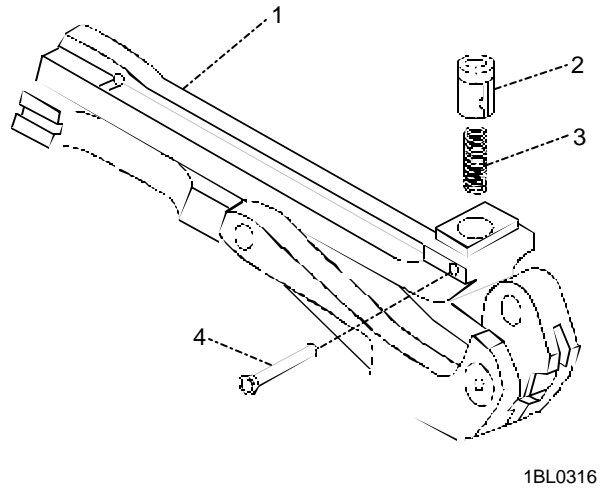


Figure 9. Breech Body Assembly Bolt, PN 11826040

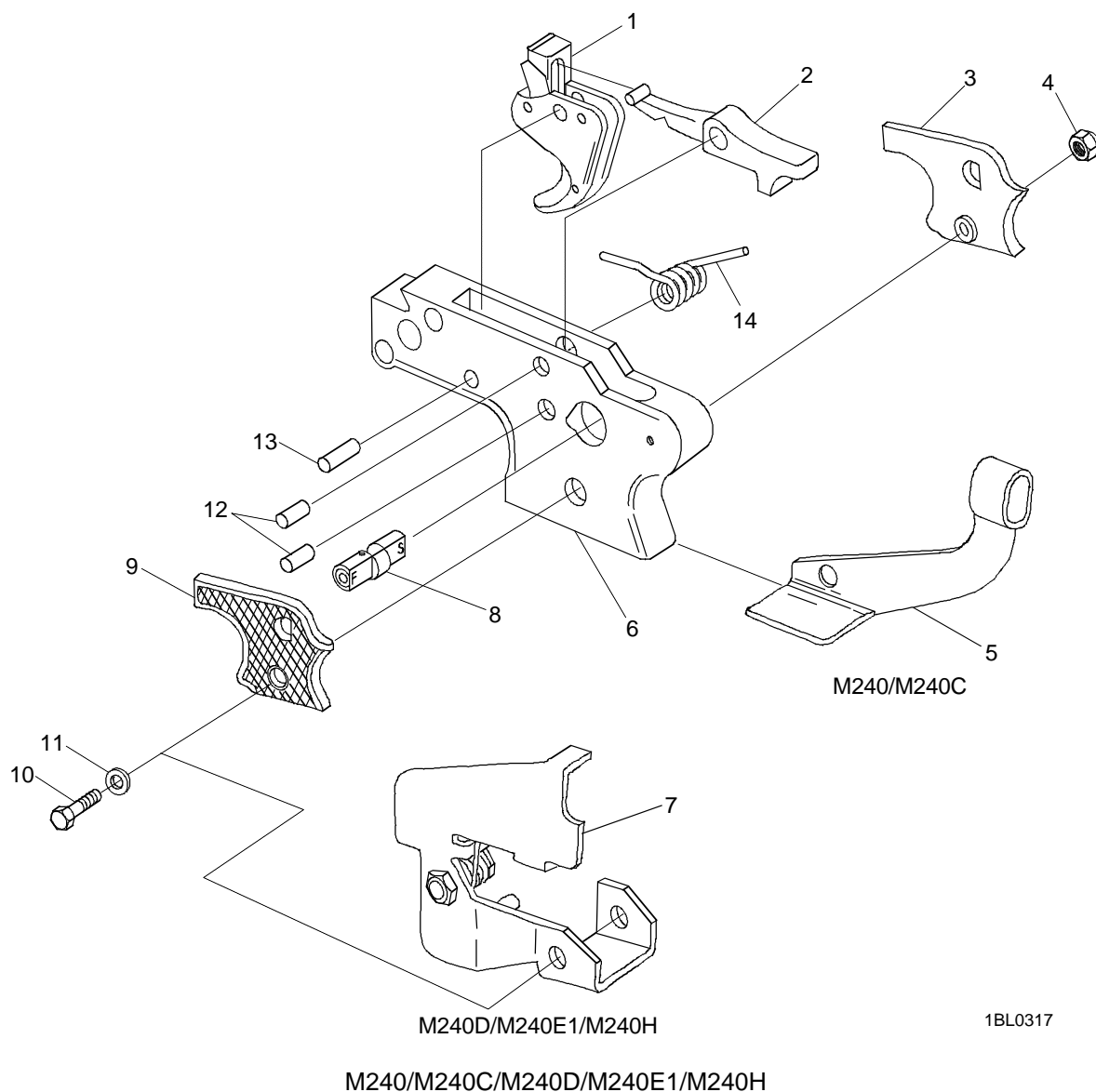
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 030101						
FIGURE 9. BREECH BODY ASSEMBLY BOLT, PN 11826040						
1	XAFZZ		19200	11826041	BOLT, BREECH BODY.....	1
2	PAFZZ PAOZZ*	3120-01-127-8980	19200	11826042	ROLLER, LINEAR-ROTARY.....	1
3	PAFZZ PAOZZ*	5360-01-133-8874	19200	11826046	SPRING, HELICAL, COMP.....	1
4	PAFZZ PAOZZ*	5315-01-158-7862	19200	11826047	PIN, STRAIGHT, HEADED	1

END OF FIGURE

*MARINE CORPS ONLY

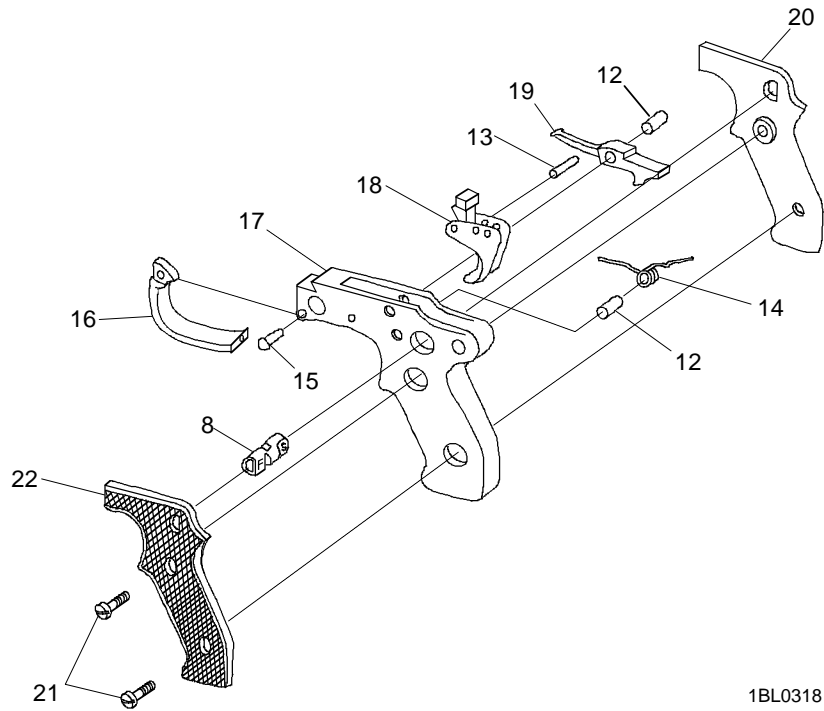
END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
 TRIGGER HOUSING ASSEMBLY, M240/M240C, NSN 1005-01-440-8010, PN 11826230;
 TRIGGER HOUSING ASSEMBLY, M240D/ M240E1/M240H, NSN 1005-01-525-5050, PN13006368; AND
 TRIGGER ASSEMBLY, INFANTRY, M240B/M240G/M240N, NSN 1005-01-408-6669, PN 12976869 (cont)**



**Figure 10. Trigger Housing Assembly, M240/M240C, PN 11826230;
 Trigger Housing Assembly, M240D/M240H, PN 12977108; M240E1, PN 12597070;
 and Trigger Assembly, Infantry, PN 12976869 (Sheet 1 of 2)**

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
 TRIGGER HOUSING ASSEMBLY, M240/M240C, NSN 1005-01-440-8010, PN 11826230;
 TRIGGER HOUSING ASSEMBLY, M240D/ M240E1/M240H, NSN 1005-01-525-5050, PN13006368; AND
 TRIGGER ASSEMBLY, INFANTRY, M240B/M240G/M240N, NSN 1005-01-408-6669, PN 12976869 (cont)**



M240B/M240G/M240N

**Figure 10. Trigger Housing Assembly, M240/M240C, PN 11826230;
 Trigger Housing Assembly, M240D/M240E1/M240H, PN 13008368;
 and Trigger Assembly, Infantry, PN 12976869 (Sheet 2 of 2)**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 04	
					FIGURE 10. TRIGGER HOUSING ASSEMBLY, M240/M240C, PN 11826230; TRIGGER HOUSING ASSEMBLY, M240D/M240E1/M240H, PN 13008368; AND TRIGGER ASSEMBLY, INFANTRY, PN 12976869	
1	PAFZZ PAOZZ*	1005-01-033-1526	19200	11826240	TRIGGER	
1	PAOZZ	1005-01-524-7773	19200	13008369	UOC: AG8, G69, L04 TRIGGER	1
2	PAFZZ PAOZZ*	1005-01-033-1524	19200	11826253	UOC: AG8, BC2, BN4 SEAR	1
3	PAOZZ	1005-01-034-4113	19200	11826232-2	UOC: G69, L04..... GRIP, MACHINE GUN	1
4	PAOZZ	5310-00-956-4549	96906	MS21083C6	UOC: AG8, BC2, G69, L04, BN4..... NUT, SELF-LOCKING	1
5	PAOZZ	1005-01-033-1502	19200	11826234	UOC: AG8, BC2, G69, L04, BN4..... GUIDE, CHARGER CABLE	1
6	XAFZZ XAOZZ*		19200	11826231	UOC: G69, L04..... HOUSING, TRIGGER	1
7	PAOZZ** PAOOO	1005-01-033-3646 1005-01-251-9696	19200	12597071	UOC: AG8, BC2, G69, L04, BN4..... ACTUATING ASSEMBLY, TRIGGER SEE FIG. 11 FOR BRKDOWN	1
8	PAFZZ	1005-01-033-8328	19200	11826258	UOC: AG8, BC2, BN4 SAFETY, SMALL ARMS	1
9	PAOZZ	1005-01-033-1528	19200	11826232-1	GRIP, MACHINE GUN	
10	PAOZZ	5306-01-192-0677	96906	MS9286-24	UOC: AG8, BC2, G69, L04, BN4..... BOLT, MACHINE	1
11	PAOZZ	5310-00-036-6770	80205	MS15795- 814B	UOC: AG8, BC2, G69, L04, BN4..... WASHER, FLAT	1
12	PAFZZ PAOZZ*	5315-01-033-3890	19200	11826255	UOC: AG8, BC2, G69, L04, BN4..... PIN, STRAIGHT	2
13	PAFZZ PAOZZ*	5315-01-034-1583	19200	11826250	PIN, STRAIGHT	1
14	PAFZZ PAOZZ*	5360-01-033-1535	19200	11826254	SPRING, HELICAL.....	1
15	PAOZZ	1005-01-410-8544	19200	12976874	PIN, HEADED, TRIGGER GUARD	
16	PAOZZ	1005-01-410-8498	19200	12976875	UOC: BB2, BC6, BJ8 GUARD, TRIGGER	1
17	XAFZZ XAOZZ*		19200	12976876	UOC: BB2, BC6, BJ8 FRAME, TRIGGER	1
18	PAFZZ PAOZZ*	1005-01-408-4361	19200	12976870	UOC: BB2, BC6, BJ8 TRIGGER ASSEMBLY	1
19	PAFZZ PAOZZ*	1005-01-409-0144	19200	12976882	UOC: BB2, BC6, BJ8, BN4 SEAR	1
20	PAOZZ	1005-01-408-4600	19200	12976877	UOC: AG8, BB2, BC2, BC6, BJ8, BN4 GRIP ASSEMBLY, RIGHT	1
21	PAOZZ	5305-01-408-4953	19200	12976880	UOC: BB2, BC6, BJ8 SCREW, GRIP	1
22	PAOZZ	1005-01-408-5416	19200	12976881	UOC: BB2, BC6, BJ8 GRIP, LEFT	2
					UOC: BB2, BC6, BJ8 1	

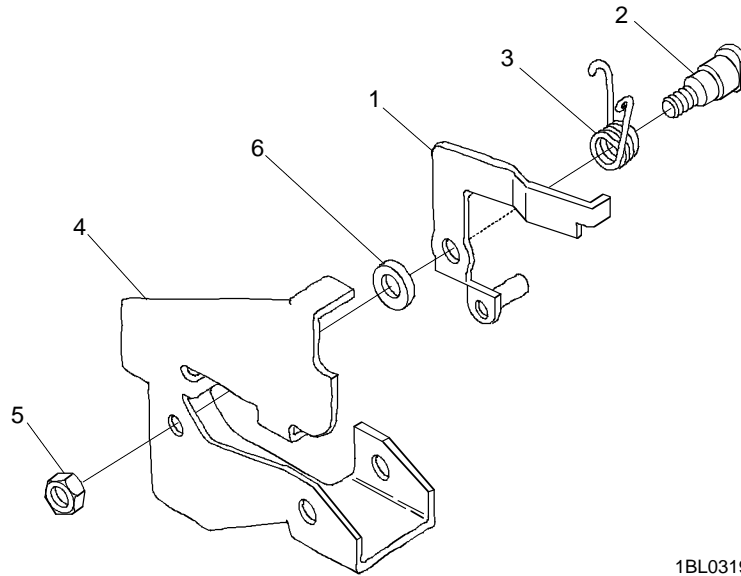
END OF FIGURE

*MARINE CORPS ONLY

**NAVY ONLY

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
ACTUATING ASSEMBLY, TRIGGER, M240D/M240E1/M240H, NSN 1005-01-251-9696, PN 12597071**



1BL0319

Figure 11. Actuating Assembly, Trigger, M240D/M240E1/M240H, PN 12597071

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0401						
FIGURE 11. ACTUATING, ASSEMBLY, TRIGGER, M240D/M240E1/M240H, PN 12597071						
1	PAOZZ	1005-01-251-9698	19200	12597073	LINK, ACTUATING ASSEMBLY UOC: AG8, BC2, BN4	1
2	PAOZZ	1005-01-251-9697	19200	12597076	PIVOT, TRIGGER, ACTUATING LINK UOC: AG8, BC2, BN4	1
3	PAOZZ	5360-01-251-9726	19200	12597077	SPRING, HELICAL, TORSION ACTUATING LINK UOC: AG8, BC2, BN4	1
4	XAOZZ		19200	12597072	BODY, PLATE, PROTECTING UOC: AG8, BC2, BN4	1
5	PAOZZ	5310-00-020-3260	96906	MS21083C5	NUT, SELF-LOCKING UOC: AG8, BC2, BN4	1
6	PAOZZ	5310-01-251-9734	19200	12597078	WASHER, FLAT UOC: AG8, BC2, BN4	1

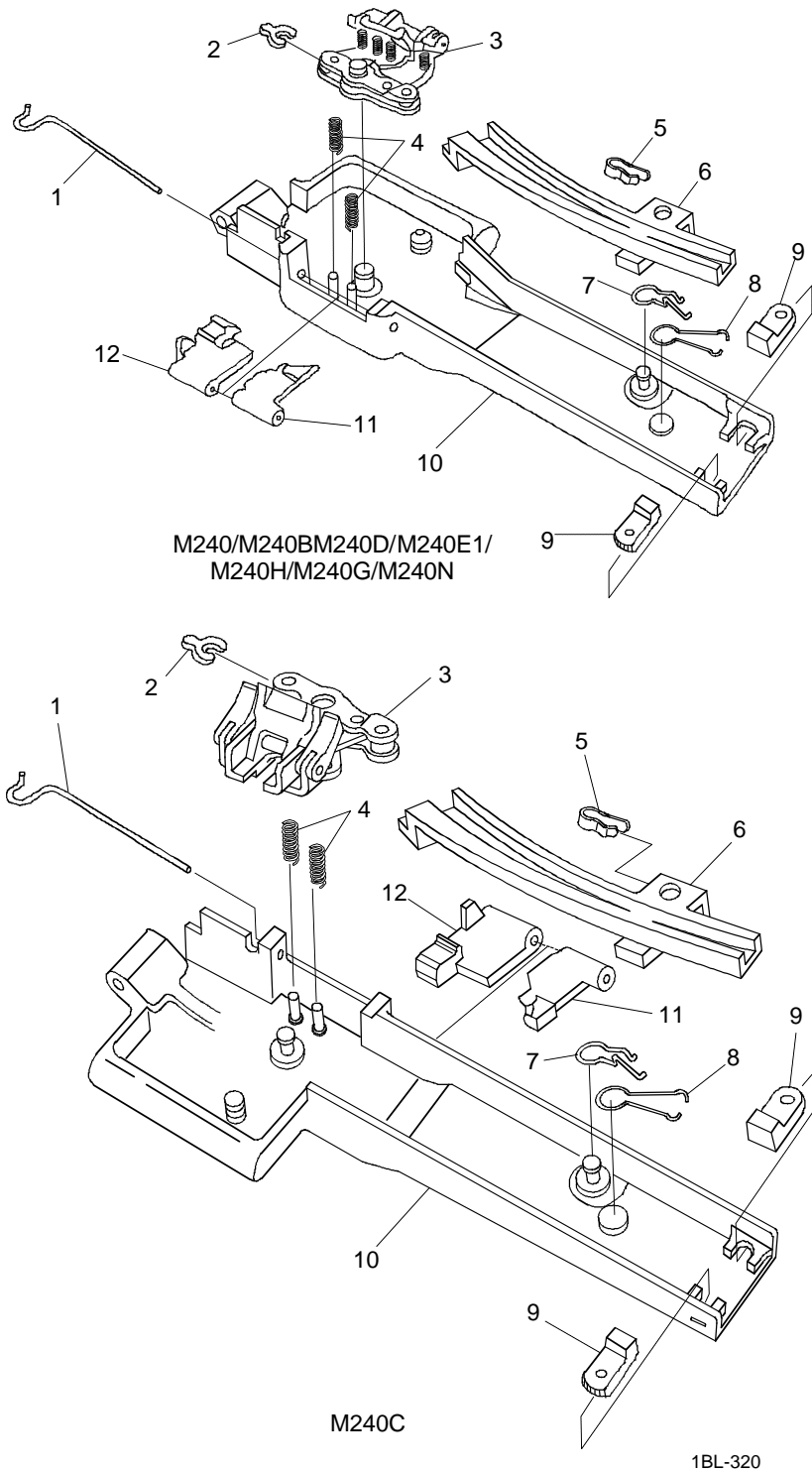
END OF FIGURE

END OF WORK PACKAGE

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
COVER ASSEMBLY, M240, NSN 1005-01-032-8151, PN 11826165;
M240C, NSN 1005-01-090-8052, PN 11826038; AND
M/240/M240B/M240D/M240E1/M240G/M240H/M240N, NSN 1005-01-432-9538, PN 12977101

This page intentionally left blank.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
COVER ASSEMBLY, M240, NSN 1005-01-032-8151, PN 11826165;
M240C, NSN 1005-01-090-8052, PN 11826038; AND
M240/M240B/M240D/M240E1/M240G/M240H/M240N, NSN 1005-01-432-9538, PN 12977101 (cont)**



**Figure 12. Cover Assembly, M240, PN 11826165; M240C, PN 11826038;
M240/M240B/M240D/M240E1/M240G/M240H/M240N, PN 12977101**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 05	
					FIGURE 12. COVER ASSEMBLY, M240, PN 11826165; M240C, PN 11826038; M240/M240B/M240D/M240E1/M240G/M 240H/M240N, PN 12977101	
1	PAFZZ PAOZZ*	5315-01-033-3898	19200	11826205	PIN, PAWL RETAINING UOC: AG8, BB2, BC2, BC6, G69, BJ8, BN4	1
1	PAFZZ PAOZZ*	5315-01-090-8051	19200	11826018	PIN, PAWL RETAINING UCO: L04	1
2	PAFZZ PAOZZ*	5325-01-033-3927	19200	11826200	RING, RETAINING	1
3	PAFFF PAOZZ*	3040-01-033-1501	19200	11826177	PAWL FEED ASSEMBLY SEE FIG. 13 FOR BRKDOWN UOC: AG8, BB2, BC2, BC6, G69, BJ8, BN4	1
3	PAFFF PAOZZ*	1005-01-091-0682	19200	11826017	PAWL, FEED ASSEMBLY SEE FIG. 13 FOR BRKDOWN UOC: L04	1
4	PAFZZ PAOZZ*	5360-01-033-8385	19200	11826201	SPRING, HELICAL	2
5	PAFZZ PAOZZ*	5315-01-033-8872	19200	11826202	PIN, LOCK	1
6	PAFZZ PAOZZ*	1005-01-033-3897	19200	11826209	LEVER, FEED UOC: AG8, BB2, BC2, BC6, G69, BJ8, BN4	1
6	PAFZZ PAOZZ*	1005-01-090-8050	19200	11826039	LEVER, FEED UOC: L04	1
7	PAFZZ PAOZZ*	5340-01-033-6597	19200	11826204	CLIP, RETAINING	1
8	PAFZZ PAOZZ*	5340-01-033-6598	19200	11826203	CLIP, RETAINING	1
9	PAFZZ PAOZZ*	5342-01-032-8148	19200	11826206	LATCH, COVER	2
10	PAFZZ PAOZZ*	1005-01-032-8151	19200	11826166	COVER, FRAME, LH UOC: G69	1
10	PAFZZ PAOZZ*	1005-01-090-8052	19200	11826022	COVER, FRAME, RH UOC: L04	1
10	PAFZZ PAOZZ*	1005-01-432-9538	19200	12977102	COVER, OPTICAL SIGHT UOC: AG8, BB2, BC2, BC6, BJ8, BN4, G69	1
11	PAFZZ PAOZZ*	1005-01-033-1516	19200	11826207	GUIDE, CARTRIDGE UOC: AG8, BB2, BC2, BC6, G69, BJ8, BN4	1
11	PAFZZ PAOZZ*	1005-01-090-8121	19200	11826035	GUIDE, CARTRIDGE, REAR UOC: L04	1
12	PAFZZ PAOZZ*	1005-01-032-8154	19200	11826208	GUIDE, CARTRIDGE UOC: AG8, BB2, BC2, BC6, G69, BJ8, BN4	1
12	PAFZZ PAOZZ*	1005-01-090-8120	19200	11826023	GUIDE, CARTRIDGE, FRONT UOC: L04	1

END OF FIGURE

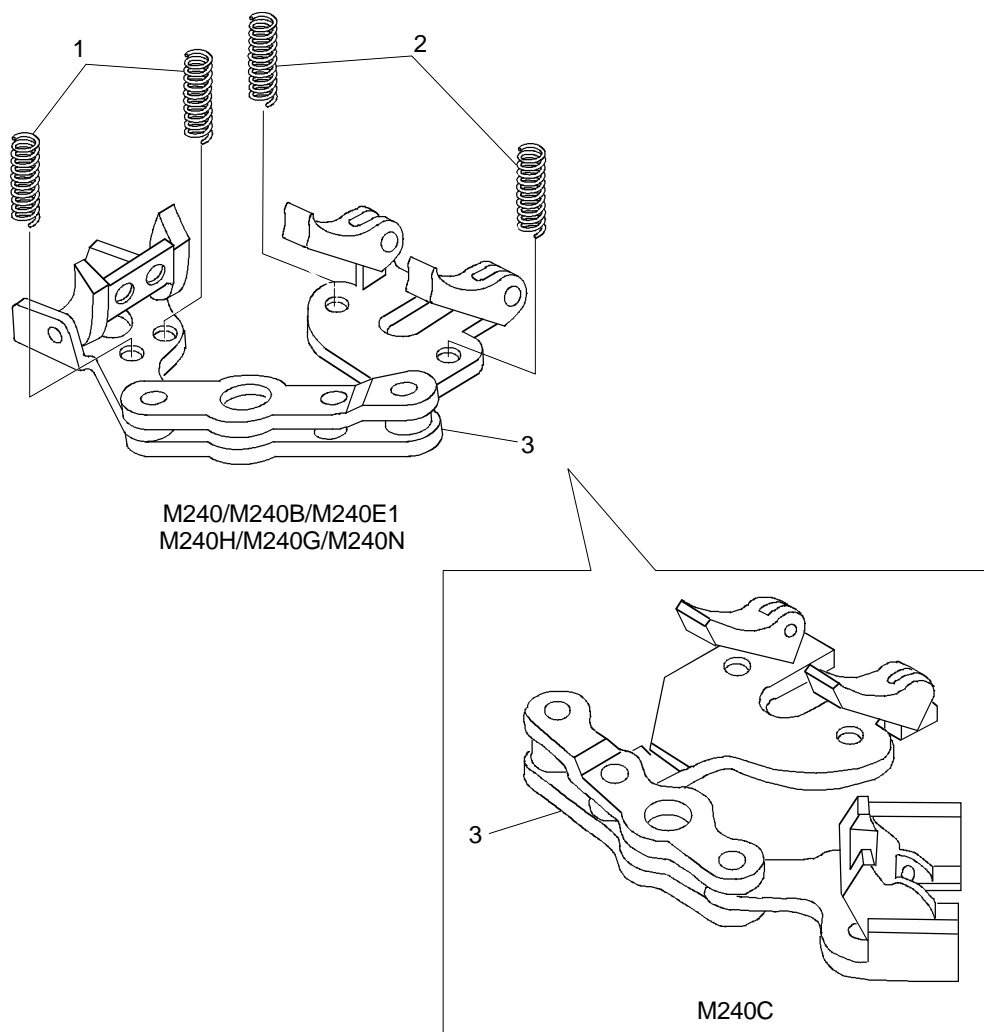
*MARINE CORPS ONLY

END OF WORK PACKAGE

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
FEED PAWL ASSEMBLY, M240/M240B/M240D/M240E1/M240G/M240H/M240N,
NSN 3040-01-033-1501, PN 11826177; M240C, NSN 3040-01-091-0682, PN 11826017

This page intentionally left blank.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
FEED PAWL ASSEMBLY, M240/M240B/M240D/M240E1/M240G/M240H/M240N,
NSN 3040-01-033-1501, PN 11826177; M240C, NSN 3040-01-091-0682, PN 11826017 (cont)**



1BL0321

**Figure 13. Feed Pawl Assembly, M240/M240B/M240D/M240E1/
M240G/M240H/M240N, PN 11826177; M240C, PN 11826017**

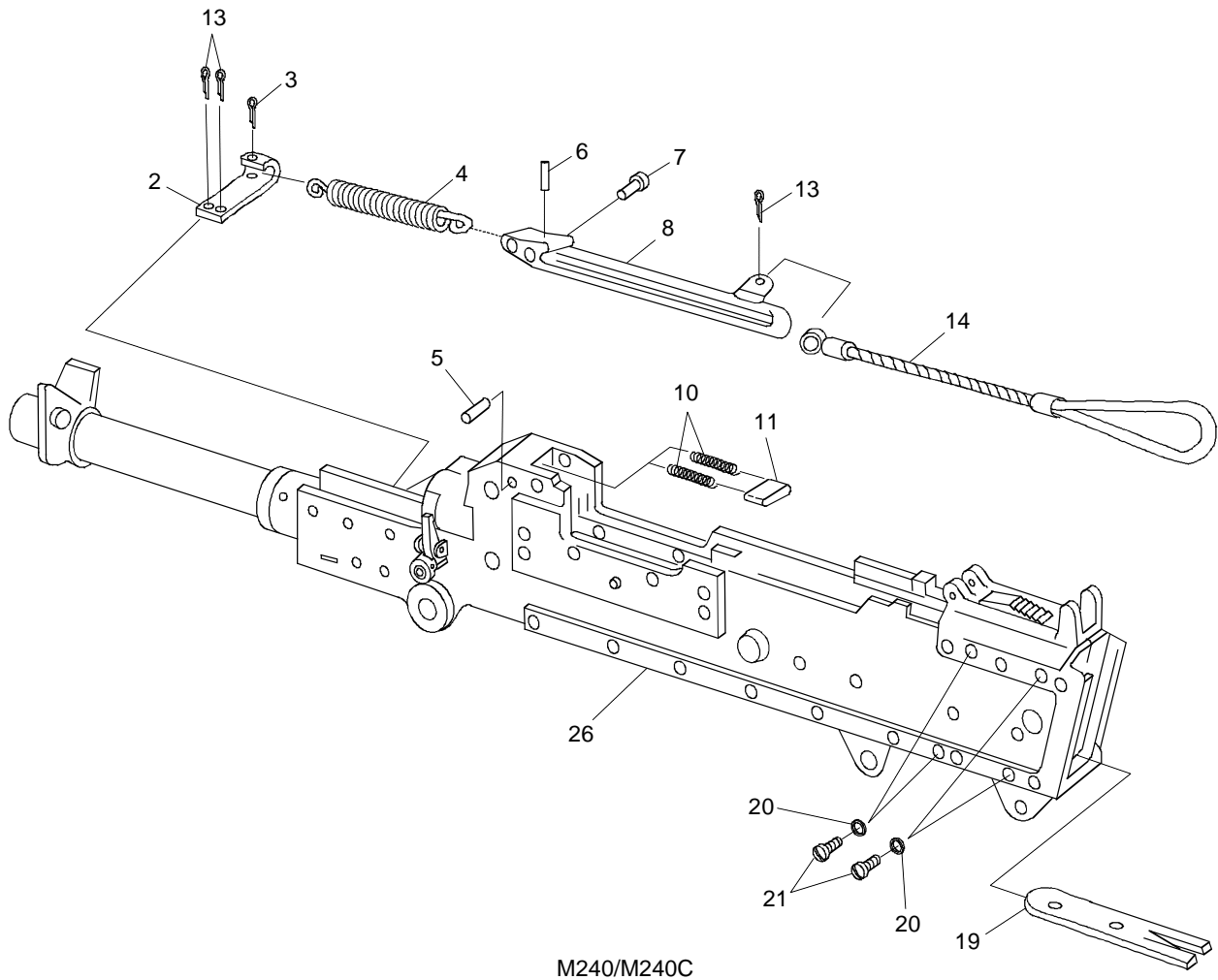
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0501	
					FIGURE 13. FEED PAWL ASSEMBLY, M240/M240B/M240D/M240E1/ M240G/ M240H/M240N, PN 11826177; M240C, PN 11826017	
1	PAFZZ PAOZZ*	5360-01-034-4114	19200	11826189	SPRING, HELICAL.....	2
2	PAFZZ PAOZZ*	5360-01-035-0838	19200	11826182	SPRING, HELICAL.....	2
3	XAFZZ XAOZZ*		19200	11826191	FEED PAWL UOC: AG8, BB2, BC2, BC6, BJ8, BN4, G69	1
3	XAFZZ XAOZZ*		19200	11825982	FEED PAWL UOC: L04	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

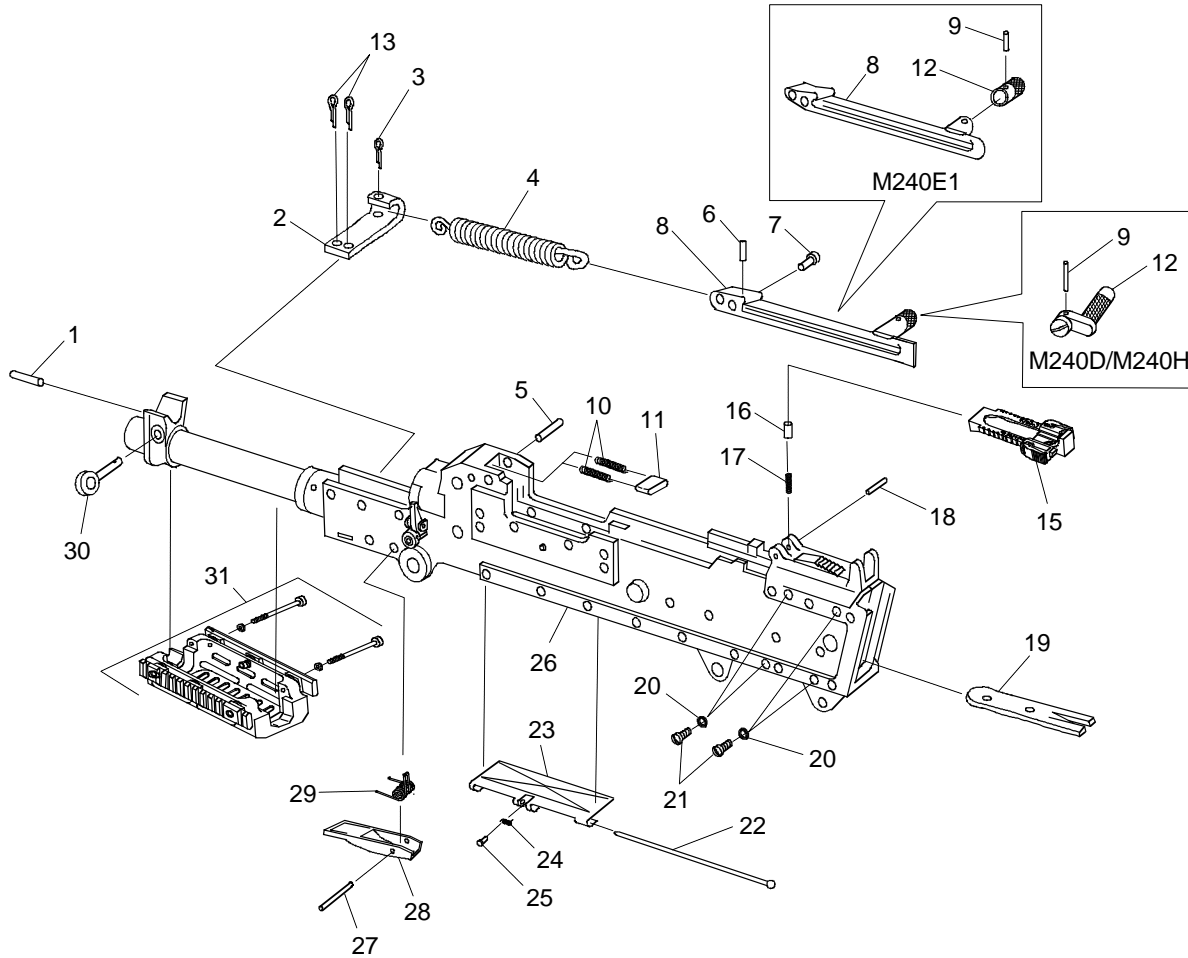
**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
RECEIVER ASSEMBLY, M240/M240C, NSNA, PN 11826192; M240B/M240N, NSNA, PN 12976834;
M240D, NSNA PN 12977104; M240E1, NSNA, PN 12597044; M240G, NSNA, PN 12997566;
M240H, NSNA, PN 13008744**



1BL0322

**Figure 14. Receiver Assembly, M240/M240C, PN 11826192; M240B/M240N, PN 12976834;
M240D, PN 12977104; M240E1, PN 12597044; M240G, PN 12997566;
M240H, PN 13008744 (Sheet 1 of 2)**

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
RECEIVER ASSEMBLY, M240/M240C, NSNA, PN 11826192; M240B/M240N, NSNA, PN 12976834;
M240D, NSNA PN 12977104; M240E1, NSNA, PN 12597044; M240G, NSNA, PN 12997566;
M240H, NSNA, PN 13008744 (cont)**



1BL0323

M240B/M240D/M240E1/M240G/M240H/M240N

**Figure 14. Receiver Assembly, M240/M240C, PN 11826192; M240B/M240N, PN 12976834;
M240D, PN 12977104; M240E1, PN 12597044; M240G, PN 12997566;
M240H, PN 13008744 (Sheet 2 of 2)**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 06	
					FIGURE 14. RECEIVER ASSEMBLY, M240/M240C, PN 11826192; M240B/M240N, PN 12976834; M240D, PN 12977104; M240E1, PN 12597044; M240G, PN 12997566	
1	PAOZZ	5315-00-836-0643	96906	MS39086-205	PIN, SPRING UOC: BB2, BC2, BC6, BJ8, BN4.....	1
2	PAOZZ	1005-01-034-1617	19200	11826153	PLATE, SPRING UOC: AG8, BC2, G69, L04, BN4.....	1
3	PAOZZ	5315-00-849-5579	80204	MS24665-437	PIN, COTTER UOC: AG8, BC2, G69, L04, BN4.....	1
4	PAOZZ	5360-01-034-4115	19200	11826155	SPRING, HELICAL UOC: AG8, BC2, G69, L04, BN4.....	1
5	PAFZZ PAOZZ*	5315-01-033-3889	19200	11826068-2	PIN, SPRING.....	1
6	PAFZZ PAOZZ*	5315-00-058-6044	80205	MS16562-106	PIN, SPRING.....	1
7	PAFZZ PAOZZ*	5315-01-479-0126	19200	12991418	PIN, STRAIGHT, HEADED	1
8	PAFZZ PAOZZ*	1005-01-033-3629	19200	11826135	SLIDE, CHARGER UOC: AG8, BC2, BN4, G69, L04.....	1
8	PAOZZ	1005-01-409-0143	19200	12976835	COCKING ASSEMBLY UOC: BB2, BC6, BJ8	1
9	PAOZZ	5315-01-276-5877	96906	MS39086-406	PIN, SPRING UOC: AG8	1
9	PAOZZ	5315-01-460-3383	19200	12977107	PIN, CHARGING HANDLE UOC: BC2, BN4	1
10	PAFZZ PAOZZ*	5360-01-034-1639	19200	11826158	SPRING, HELICAL COMPRESSION.....	2
11	PAFZZ PAOZZ*	5340-01-033-3910	19200	11826156	PLUNGER, DETENT.....	1
12	PAOZZ	5355-01-251-9755	19200	12597045	HANDLE, MANUAL CONTROL UOC: AG8	1
12	PAOZZ	5355-01-464-1091	19200	12977106	HANDLE, OFFSET CHARGING UOC: BC2	1
12	PAOZZ	1005-01-522-0758	19200	12999957	HANDLE, OFFSET CHARGING UOC: BN4	1
13	PAOZZ	5315-00-181-6984	21450	590479	PIN, COTTER UOC: AG8, BC2, BN4	2
					UOC: G69, L04.....	3
14	PAOZZ	1005-01-032-8145	19200	11826145	CABLE, CHARGER UOC: G69, L04.....	1
15	AOOOO		19200	12597046	REAR SIGHT ASSEMBLY SEE FIG. 16 FOR BRKDOWN UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
16	PAOZZ	1005-01-251-9689	19200	12597055	PLUNGER, REAR SIGHT UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
17	PAOZZ	5360-01-251-9724	19200	12597054	SPRING, HELICAL COMPRESSION UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
18	PAOZZ	5315-01-251-9722	19200	12597056	PIN, STRAIGHT, HEADLESS UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
19	PAOZZ	5340-01-033-1484	19200	11826122	COVER, ACCESS.....	1
20	PAOZZ	5310-01-033-8380	19200	11826121	WASHER, FLAT	4
21	PAOZZ	5305-01-035-2479	19200	11826120	SCREW, MACHINE	4
22	PAOZZ	5315-01-435-8728	19200	12976846	PIN, HINGE UOC: BB2, BJ8, BN4	1

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
RECEIVER ASSEMBLY, M240/M240C, NSNA, PN 11826192; M240B/M240N, NSNA, PN 12976834;
M240D, NSNA PN 12977104; M240E1, NSNA, PN 12597044; M240G, NSNA, PN 12997566;
M240H, NSNA, PN 13008744 (cont)**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 (cont)						
					FIGURE 14. RECEIVER ASSEMBLY, M240/M240C, PN 11826192; M240B/M240N, PN 12976834; M240D, PN 12977104; M240E1, PN 12597044; M240G, PN 12997566	
23	PAOZZ	1005-01-441-5758	19200	12976843	COVER, EJECTION PORT UOC: BB2, BJ8, BN4.....	1
24	PAOZZ	5360-01-440-4914	19200	12976844	SPRING, HELICAL TORSION UOC: BB2, BJ8, BN4.....	1
25	PAOZZ	5340-01-440-3809	19200	12976845	PLUNGER UOC: BB2, BJ8, BN4.....	1
26	XAFDA		19200	11826080	RECEIVER BODY ASSEMBLY SEE FIG.15 FOR BRKDOWN	1
27	PAOZZ	5315-01-409-0136	19200	12976850	PIN, SPRING UOC: BB2, BC6, BJ8.....	1
28	PAOZZ	5342-01-408-5435	19200	12976848	LATCH, BIPOD UOC: BB2, BC6, BJ8.....	1
29	PAOZZ	5360-01-408-5998	19200	12976849	SPRING, BODY LATCH UOC: BB2, BC6, BJ8.....	1
30	PAOZZ	5325-01-408-5439	19200	12976847	RING, SLING UOC: BB2, BC2, BC6, BJ8, BN4	1
31	AFFFF		19200	12997576	ACCESSORY RAIL ASSEMBLY SEE FIG. 15 FOR BRKDOWN UOC: BB2, BN4	1

END OF FIGURE

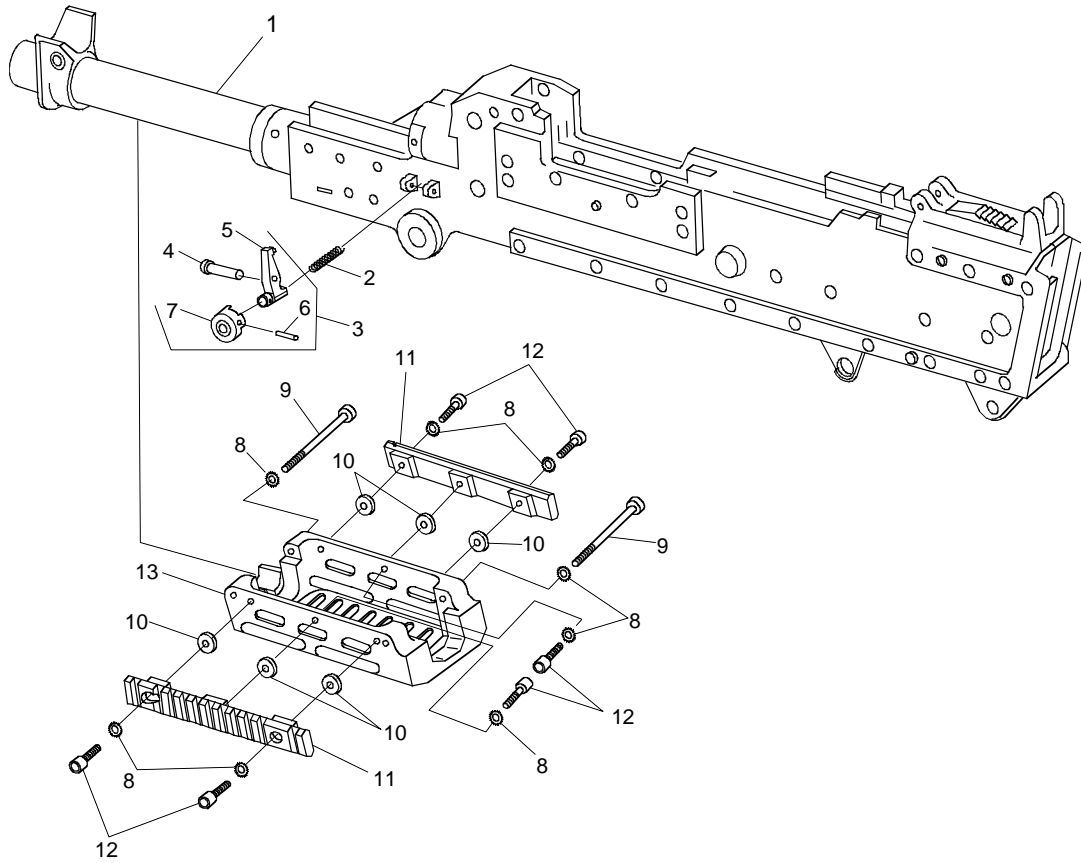
*MARINE CORPS ONLY

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
RECEIVER BODY ASSEMBLY, M240 SERIES, NSNA, PN 11826080**

This page intentionally left blank.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
RECEIVER BODY ASSEMBLY, M240 SERIES, NSNA, PN 11826080 (cont)**



1BL0324

Figure 15. Receiver Body Assembly, M240 Series, PN 11826080

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0601						
FIGURE 15. RECEIVER BODY ASSEMBLY, M240 SERIES, PN 11826080						
1	XAFDA		19200	NPN	RECEIVER ASSEMBLY, BODY.....	1
2	PAFZZ PAOZZ*	5360-01-033-8884	19200	11826131	SPRING, HELICAL.....	1
3	PAFFF	1005-01-484-9927	19200	12997500	LATCH ASSEMBLY, BARREL.....	1
4	PAFZZ PAOZZ*	5315-01-033-3885	19200	11826130	. PIN, GROOVED, HEADED	1
5	XAOZZ		19200	12997498	. LATCH, BARREL	1
6	PAOZZ	5315-00-812-1007	96906	MS39086-91	. PIN, SPRING, TUBULAR.....	1
7	PAOZZ	1005-01-489-5380	19200	12997499	. BUTTON, LATCH.....	1
8	PAOZZ	5315-01-501-3055	80204	W211NAG 0019NN037N NPE1	WASHER, LOCK, FLAT, EXTERNAL TOOTH UOC: BB2, BN4.....	8
9	PAFZZ	5305-01-505-5994	80205	NAS 1351N-3- 36B	SCREW, CAP UOC: BB2, BN4.....	2
10	PAOZZ	5970-01-486-3660	19200	12997575	INSULATOR UOC: BB2, BN4.....	6
11	PAOZZ	1005-01-486-3661	19200	12997574	RAIL UOC: BB2, BN4.....	2
12	PAOZZ	5305-01-500-6514	80205	NAS 1351N-3- 9B	SCREW, CAP UOC: BB2, BN4.....	6
13	PAFZZ	1005-01-489-5357	19200	12997573	BODY UOC: BB2, BN4.....	1

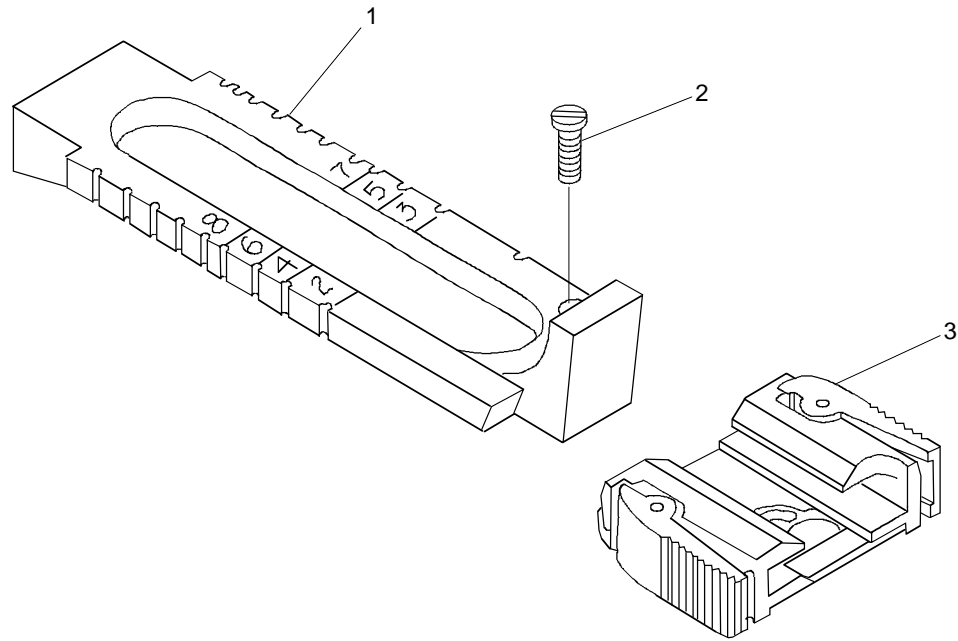
END OF FIGURE

*MARINE CORPS ONLY

NPN – No Part Number

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
REAR SIGHT ASSEMBLY, M240B/M240D/M240E1/M240G/M240H/M240N, NSNA, PN 12597046**



1BL0325

Figure 16. Rear Sight Assembly, PN 12597046

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0602						
1	PAOZZ	1005-01-251-9691	19200	12597047	LEAF, REAR, SIGHT UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
2	PAOZZ	5305-01-251-9738	19200	12597053	SCREW, CAP, SOCKET HEAD SIGHT, LEAF UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1
3	PAOOO	1005-01-251-9690	19200	12597048	SLIDE ASSEMBLY, REAR SIGHT SEE FIG. 17 FOR BRKDOWN UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1

END OF FIGURE

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
SLIDE ASSEMBLY, M240B/M240D/M240E1/M240G/M240H/M240N,
NSN 1005-01-251-9690, PN 12597048**

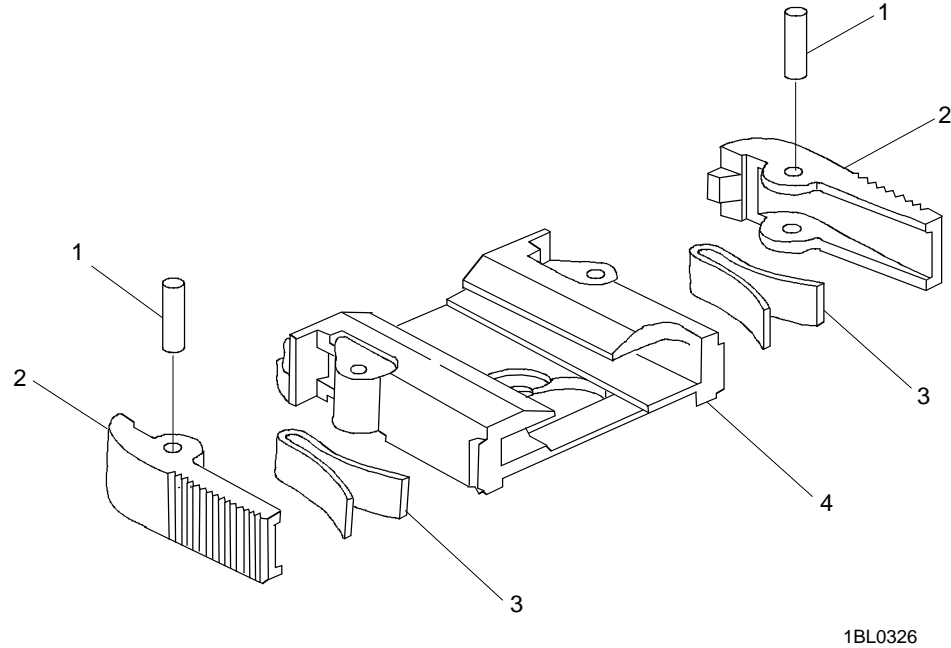


Figure 17. Slide Assembly, PN 12597048

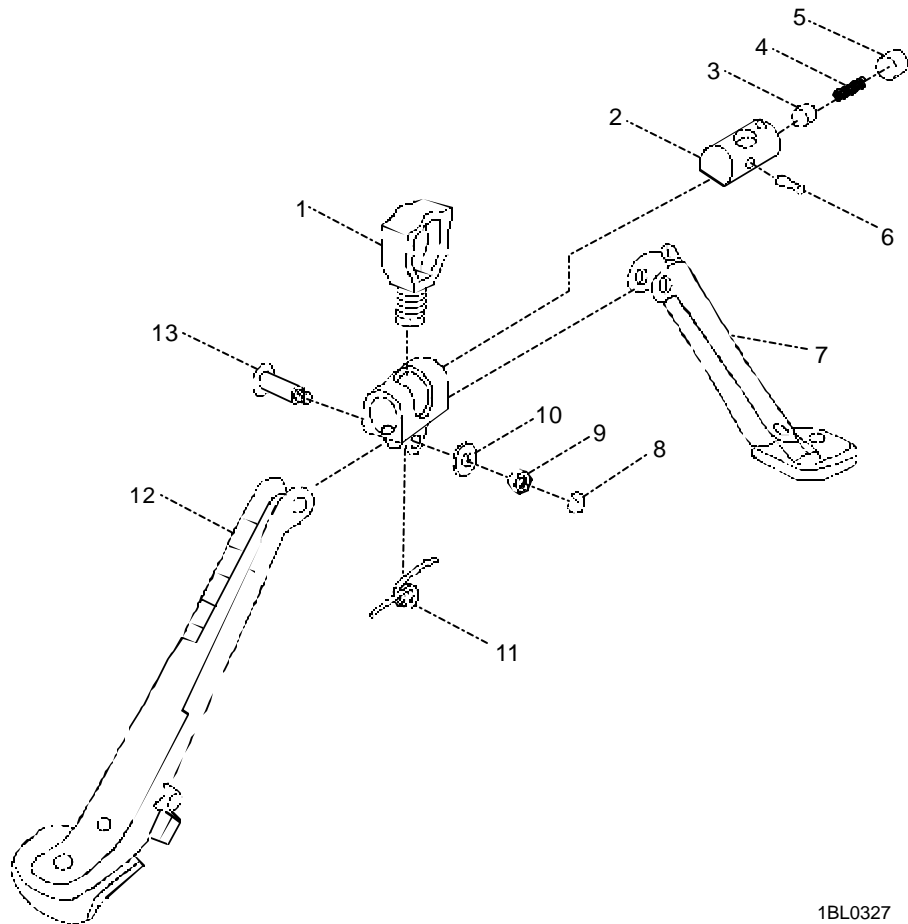
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 060201						
FIGURE 17. SLIDE ASSEMBLY, PN 12597048						
1	PAOZZ	5315-01-251-9723	19200	12597052	PIN, STRAIGHT, HEADLESS UOC: AG8, BB2, BC2, BC6, BJ8, BN4	2
2	PAOZZ	1005-01-251-9700	19200	12597050	CATCH, REAR SIGHT UOC: AG8, BB2, BC2, BC6, BJ8, BN4	2
3	PAOZZ	5360-01-251-9699	19200	12597051	SPRING, CATCH UOC: AG8, BB2, BC2, BC6, BJ8, BN4	2
4	XAOZZ		19200	12597049	SLIDE, REAR SIGHT UOC: AG8, BB2, BC2, BC6, BJ8, BN4	1

END OF FIGURE

END OF WORK PACKAGE

This page intentionally left blank.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
BIPOD ASSEMBLY, M240B/M240G, NSN 1005-01-408-5905, PN 12976883**



1BL0327

Figure 18. Bipod Assembly, M240B /M240G, PN 12976883

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0603	
					FIGURE 18. BIPOD ASSEMBLY, M240B/M240G, PN 12976883	
1	XAFZZ XAOZZ*		19200	12976900	HEAD, BIPOD UOC: BB2, BC6.....	1
2	PAFZZ PAOZZ*	1005-01-408-5437	19200	12976903	CYLINDER, ACTUATING UOC: BB2, BC6.....	1
3	PAFZZ PAOZZ*	1005-01-408-5438	19200	12976901	PLUNGER, RETAINING, BIPOD UOC: BB2, BC6.....	1
4	PAFZZ PAOZZ*	5360-01-408-6000	19200	12976899	SPRING, HELICAL COMPRESSION UOC: BB2, BC6.....	1
5	PAFZZ PAOZZ*	5315-01-408-6676	19200	12976898	BUSHING, RETAINING HEAD PLUNGER UOC: BB2, BC6.....	1
6	PAFZZ PAOZZ*	5315-01-408-6413	19200	12976904	PIN, SPRING, TUBULAR, SLOTTED UOC: BB2, BC6.....	1
7	PAFZZ PAOZZ*	1005-01-408-6002	19200	12976884	LEG, RIGHT, ASSEMBLY UOC: BB2, BC6.....	1
8	PAFZZ PAOZZ*	5365-01-408-9050	19200	12976906	RING, AXIS PIN, LEG UOC: BB2, BC6.....	1
9	PAFZZ PAOZZ*	5310-01-408-9456	19200	12976907	NUT, AXIS PIN, LEG UOC: BB2, BC6.....	1
10	PAFZZ PAOZZ*	5310-01-408-9052	19200	12976908	WASHER, AXIS, PIN UOC: BB2, BC6.....	1
11	PAFZZ PAOZZ*	5360-01-408-6675	19200	12976905	SPRING, LEG UOC: BB2, BC6.....	1
12	PAFZZ PAOZZ*	1005-01-408-6671	19200	12976894	LEG, LEFT, ASSEMBLY UOC: BB2, BC6.....	1
13	PAFZZ PAOZZ*	1005-01-408-6011	19200	12976897	PIN, AXIS, LEG, BIPOD UOC: BB2, BC6.....	1
14	PAFZZ PAOZZ*	1005-01-408-6678	19200	12976902	HEAD, HINGE, BODY BIPOD UOC: BB2, BC6.....	1

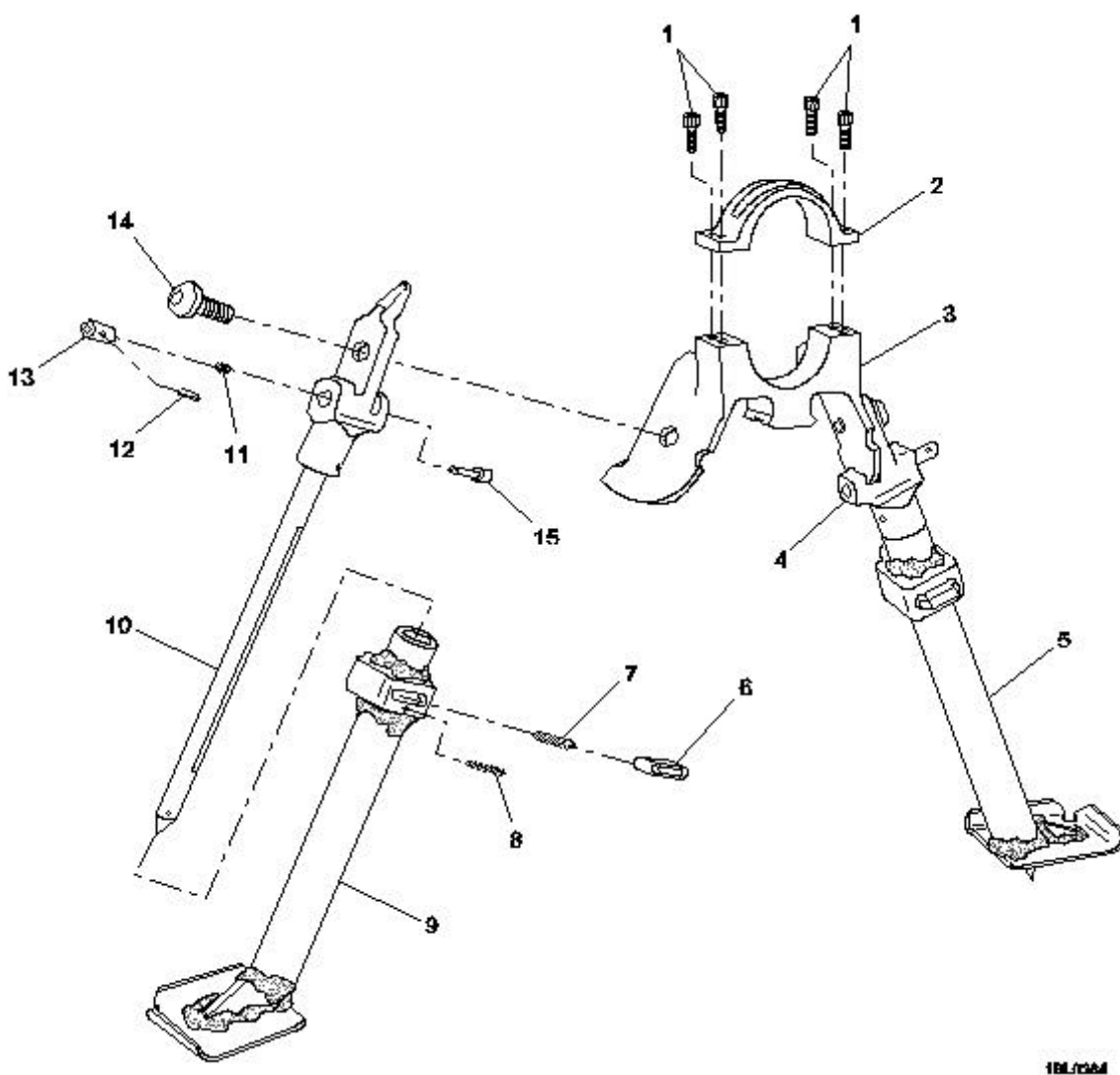
END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
BIPOD ASSEMBLY, M240H, NSN 1005-01-522-0759, PN 13001481**

This page intentionally left blank.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
BIPOD ASSEMBLY, M240H, NSN 1005-01-522-0759, PN 13001481 (cont)**

Only one leg show disassembled, parts are the same unless otherwise specified.

Figure 18. Bipod Assembly, M240H, PN 13001481

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0603	
					FIGURE 18. BIPOD ASSEMBLY, M240H, PN 13001481	
1	PAOZZ	5305-01-522-8055	80205	NAS1352- 3LB8B	SCREW, CAP SOCKET UOC: BN4	4
2	PAOZZ	1005-01-522-0760	19200	13001503	CLAMP, BIPOD UOC: BN4	1
3	XAOZZ		19200	13001502	YOKE, BIPOD UOC: BN4	1
4	PAOOO	1005-01-522-0764	19200	13001491	LEG, UPPER, LEFT UOC: BN4	1
5	XAOZZ		19200	13001483	LEG, LOWER LEFT UOC: BN4	1
6	PAOZZ	1005-01-522-0762	19200	13001488	LATCH UOC: BN4	2
7	PAOZZ	5360-01-522-0763	19200	13001489	SPRING, HELICAL COMP. UOC: BN4	2
8	PAOZZ	5305-01-524-2975	96906	AN565A540H7	SETSCREW UOC: BN4	2
9	XAOZZ		19200	13001486	LEG, LOWER RIGHT UOC: BN4	1
10	PAOOO	1005-01-522-0769	19200	13001487	LEG, UPPER RIGHT UOC: BN4	1
11	PAOZZ	5360-01-522-0766	19200	13001496	SPRING, HELICAL COMP. UOC: BN4	2
12	PAOZZ	5315-01-114-2396	96906	NAS1407-5M5	PIN, SPRING UOC: BN4	2
13	PAOZZ	1005-01-522-0768	19200	13001495	CAP, DETENT UOC: BN4	2
14	PAOZZ	5305-01-522-7621	19200	13001504	SCREW, SHOULDER UOC: BN4	2
15	PAOZZ	5340-01-522-0765	19200	13001494	PLUNGER, DETENT UOC: BN4	2

END OF FIGURE

END OF WORK PACKAGE

BULK MATERIAL

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 9900	
					FIGURE BULK ITEMS	
1	PAOZZ	4720-01-156-0549	11862	9439046	TUBING, NON-METALLIC	V
2	PAOZZ	9505-00-995-3177	7X677	MS9226-04	WIRE, STEEL, CRES., SAFETY.....	V

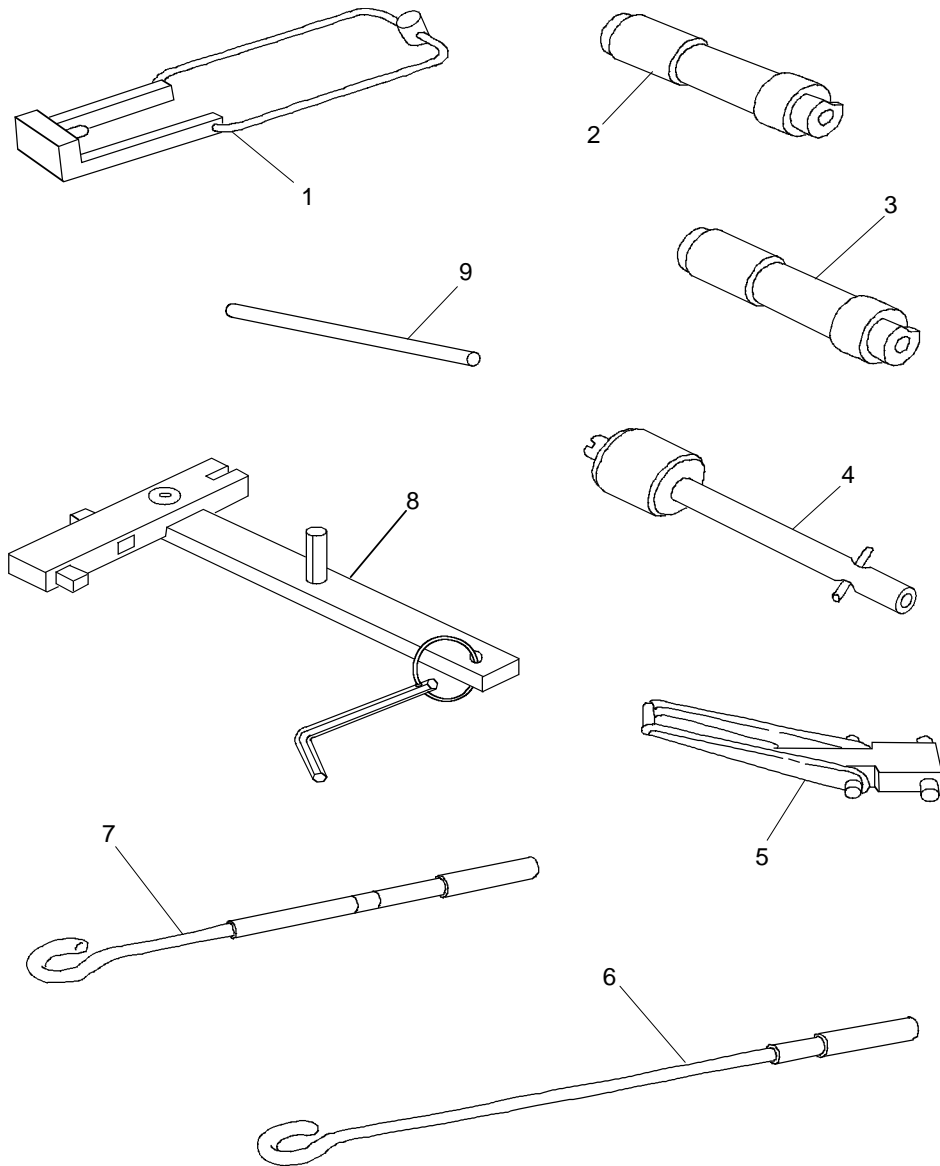
END OF FIGURE

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
SPECIAL TOOLS, M240 SERIES**

This page intentionally left blank.

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
SPECIAL TOOLS, M240 SERIES (cont)**



1BL0328

Figure 19. Special Tools List

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 9500	
1	PAOZZ	4933-01-038-7179	19200	11826076	FIGURE 19. SPECIAL TOOLS LIST TOOL, REMOVING, EJECTOR BOI: 1 PER GUNAT UNIT 2 PER DS SHOP	
2	PAFZZ	5220-01-043-8211	19200	11826299	GAGE, HEADSPACE BOI: 2 PER DS	
3	PAFZZ	5220-01-043-8212	19200	11826274	GAGE, HEADSPACE BOI: 2 PER DS	
4	PAFZZ	4933-01-043-9450	19200	11826304	GAGE, FIRING PIN PROTRUSION BOI: 2 PER DS	
5	PAFZZ	4933-01-038-7183	19200	11826077	TOOL, DISASSEMBLY, COVER BOI: 2 PER DS	
6	PAFZZ	5220-01-082-5564	19200	11826276	GAGE, MUZZLE AND BREECHBORE WEAR BOI: 2 PER DS	
7	PAFZZ	5210-01-082-1714	19200	11826298	GAGE, BREECHBORE, MACHINE EROSION BOI: 2 PER DS	
8	PAOZZ	1005-01-458-7004	19200	12012086	ADJUSTING TOOL, COMB. FRONT SIGHT BOI: 1 PER GUN AT UNIT 2 PER DS SHOP	
9	PAOZZ	1005-01-512-9284	19200	13002076	UOC: AG8, BB2, BC2, BC6, BJ8, BN4 TOOL, EROSION, GAS PORT BOI: 2 PER ARMS ROOM 2 PER DS	

END OF FIGURE

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE FOR
BASIC ISSUE ITEMS, CASE, SPARE BARREL, NSN 1005-01-470-3006, PN 12991853**

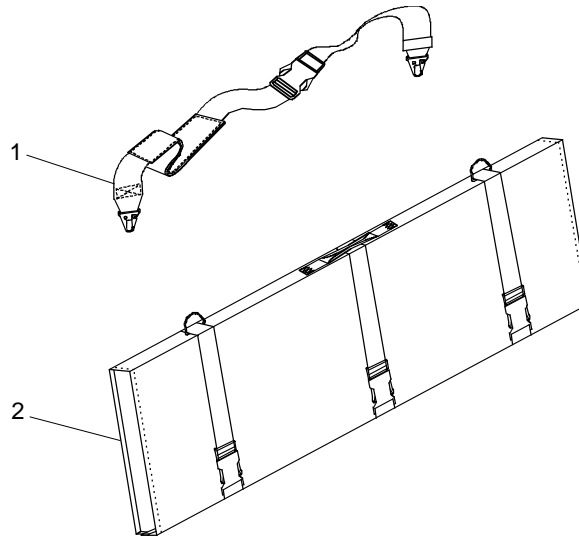


Figure 20-01. Case, Spare Barrel, PN 12991853

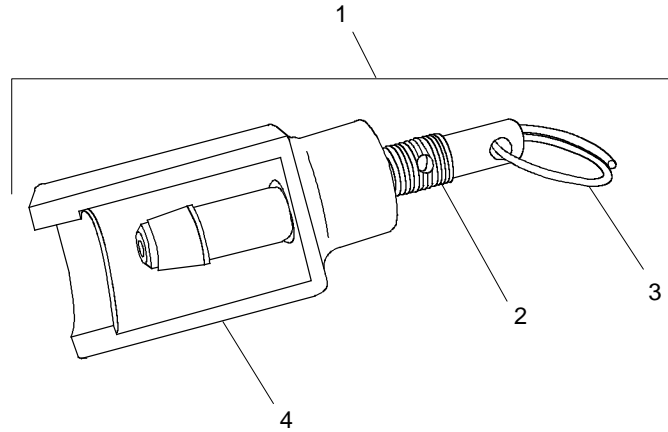
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP BASIC ISSUE ITEMS						
FIGURE BASIC ISSUE ITEMS						
1	PAOZZ	1005-01-526-8280	19200	13010613	SLING UOC: BB2, BN4.....	1
2	XAOZZ		19200	NPN	CASE, SPARE BARREL UOC: BB2, BN4.....	1

END OF FIGURE

NPN - NO PART NUMBER

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR ADDITIONAL
AUTHORIZED EQUIPMENT, M24 CHAMBER ASSEMBLY, NSN 1005-01-480-0289, PN 12993733**



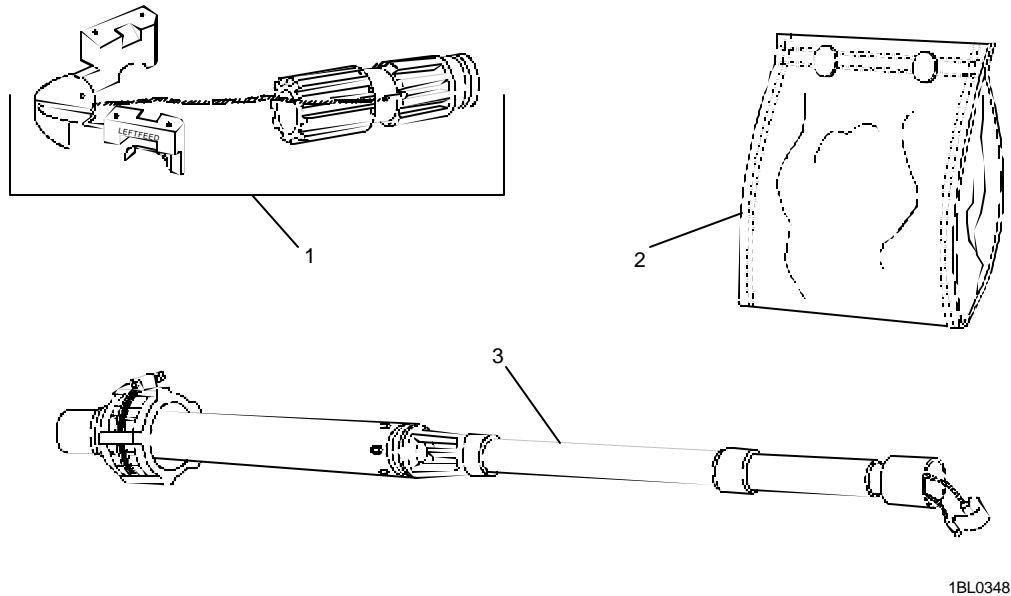
**Figure 20. Additional Authorized Equipment,
M24 Blank Firing Attachment**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP ADDITIONAL AUTHORIZED EQUIPMENT						
FIGURE 20. M24 BLANK FIRING ATTACHMENT, PN 12993733						
1	PAOOO	1005-01-480-0289	19200	12993733	M24 BLANK FIRING ATTACHMENT UOC: BB2, BC2, BC6, BJ8, BN4.....	1
2	PAOZZ	5340-01-481-8127	19200	12993735	. SHAFT UOC: BB2, BC2, BC6, BJ8, BN4.....	1
3	PAOZZ	5325-01-480-6849	19200	7548584-3	. RING, PULL UOC: BB2, BC2, BC6, BJ8, BN4.....	1
4	XAOZZ		19200	12993734	. BODY UOC: BB2, BC2, BC6, BJ8, BN4.....	1

END OF FIGURE

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR ADDITIONAL
AUTHORIZED EQUIPMENT, BLANK FIRING ATTACHMENT, M21, NSN 105-01-148-7437,
PN 11833471**



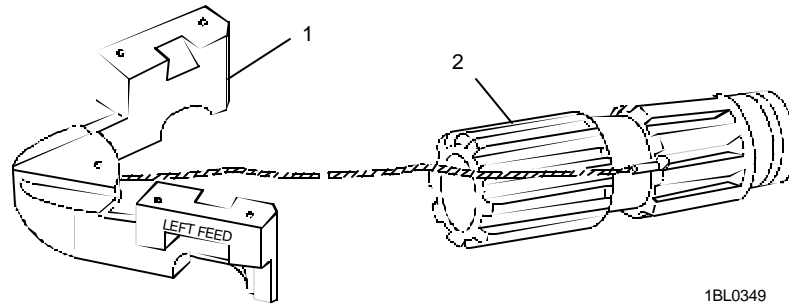
**Figure 21. Additional Authorized Equipment,
Blank Firing Attachment, M21, PN 11833471**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP ADDITIONAL AUTHORIZED EQUIPMENT						
1	PAOOO	1005-01-142-2841	19200	11833460	FIGURE 21. BLANK FIRING ATTACHMENT, M21, PN 11833471 CHAMBER AND DISCRIMINATOR ASSEMBLY SEE FIG. 22 FOR BRKDOWN UOC: AG8, G69, L04.....	1
2	PAOZZ	8105-01-147-9841	19200	11833468	BAG, ORDNANCE, WEAPON SPARE PARTS UOC: AG8, G69, L04.....	1
3	PAOOO	1005-01-218-0693	19200	11833475	ADAPTER, FIRING, ATTACHMENT, M1/M1A1 SEE FIG. 24 FOR BRKDOWN UOC: G69.....	1

END OF FIGURE

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
ADDITIONAL AUTHORIZED EQUIPMENT, CHAMBER AND DISCRIMINATOR ASSEMBLY,
NSN 1005-01-142-2841, PN 11833460**



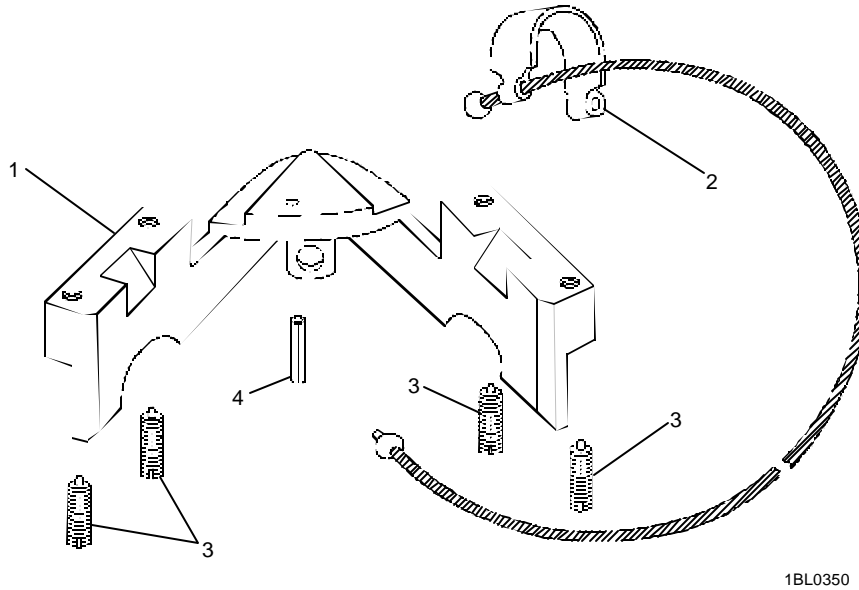
**Figure 22. Additional Authorized Equipment,
Chamber and Discriminator Assembly, PN 11833460**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP ADDITIONAL AUTHORIZED EQUIPMENT						
1	PAOOO	1005-01-146-3437	19200	11833472	FIGURE 22. CHAMBER AND DISCRIMINATOR ASSEMBLY, PN 11833460 DISCRIMINATOR ASSEMBLY SEE FIG. 23 FOR BRKDOWN	1
2	XAOZZ		19200	11833464	UOC: AG8, G69, L04..... CHAMBER UOC: AG8, G69, L04.....	1

END OF FIGURE

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
ADDITIONAL AUTHORIZED EQUIPMENT, DISCRIMINATOR ASSEMBLY,
NSN 1005-01-146-3437, PN 11833472**



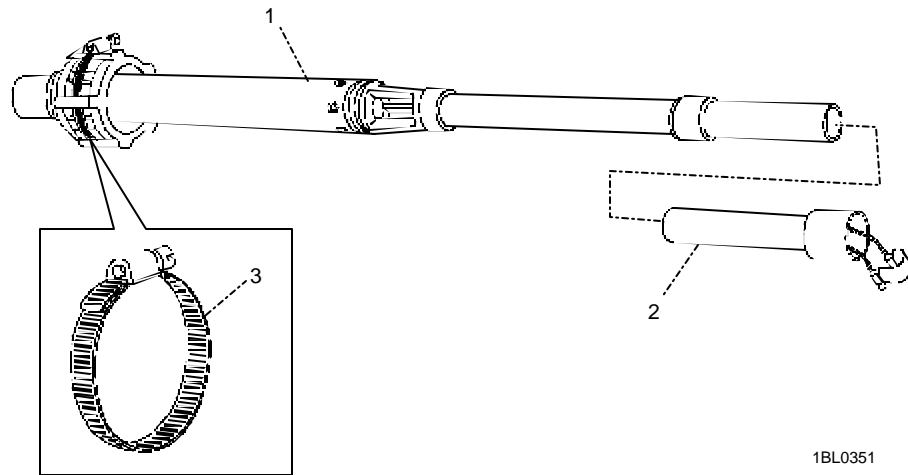
**Figure 23. Additional Authorized Equipment,
Discriminator Assembly, PN 11833472**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP ADDITIONAL AUTHORIZED EQUIPMENT						
FIGURE 23. DISCRIMINATOR ASSEMBLY, PN 11833472						
1	XAOZZ		19200	11833463	DISCRIMINATOR UOC: AG8, G69, L04.....	1
2	PAOZZ	4010-01-171-4833	19200	11833467	WIRE ROPE ASSEMBLY, SINGLE LEG UOC: AG8, G69, L04.....	1
3	PAOZZ	5340-00-932-1790	19200	11833473	PLUNGER, QUICK RELEASE UOC: AG8, G69, L04.....	4
4	PAOZZ	5315-00-881-2253	96906	MS171526	PIN UOC: AG8, G69, L04.....	1

END OF FIGURE

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
ADDITIONAL AUTHORIZED EQUIPMENT, ADAPTER, NSN 1005-01-218-0693, PN 11833475**



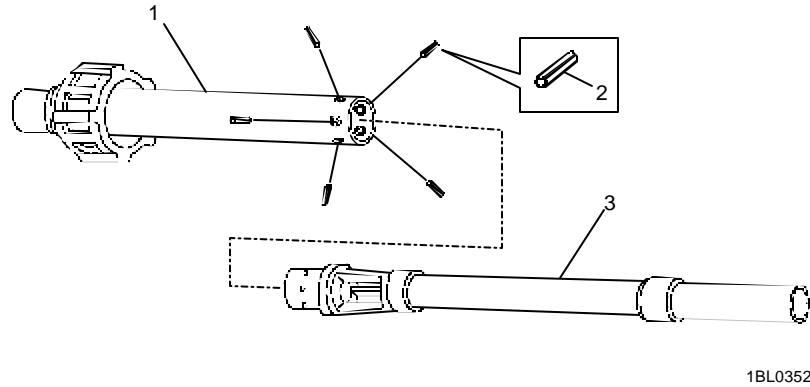
**Figure 24. Additional Authorized Equipment,
Adapter, PN 11833475**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP ADDITIONAL AUTHORIZED EQUIPMENT						
1	PAOOO	1005-01-217-1193	19200	11833481	FIGURE 24. ADAPTER, PN 11833475 EXTENSION ASSEMBLY SEE FIG. 25 FOR BRKDWN UOC: G69.....	1
2	PAOOO	1005-01-217-1191	19200	11833476	COUPLER ASSEMBLY SEE FIG. 26 FOR BRKDWN UOC: G69.....	1
3	PAOZZ	4730-00-908-6293	96906	MS35842-15	CLAMP, HOSE UOC: G69.....	1

END OF FIGURE

END OF WORK PACKAGE

**UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
ADDITIONAL AUTHORIZED EQUIPMENT, EXTENSION ASSEMBLY, NSN 1005-01-217-1193,
PN 11833481**



**Figure 25. Additional Authorized Equipment,
Extension Assembly, PN 11833481**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP ADDITIONAL AUTHORIZED EQUIPMENT						
FIGURE 25. EXTENSION ASSEMBLY, PN 11833481						
1	XAOZZ		19200	11833488	TUBE ASSEMBLY, FORWARD UOC: G69.....	1
2	PAOZZ	5315-00-598-6435	96906	MS171646	PIN, SPRING UOC: G69.....	5
3	XAOZZ		19200	11833484	TUBE ASSEMBLY, REAR UOC: G69.....	1

END OF FIGURE

END OF WORK PACKAGE

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
ADDITIONAL AUTHORIZED EQUIPMENT, COUPLER ASSEMBLY, NSN 1005-01-217-1191,
PN 11833476

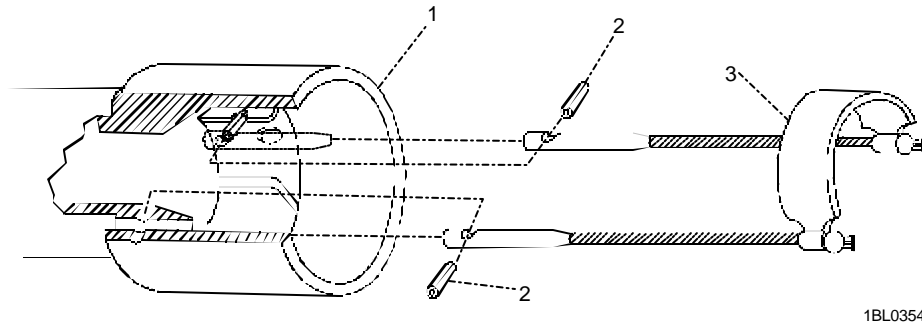


Figure 26. Additional Authorized Equipment,
Coupler Assembly, PN 11833476

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP ADDITIONAL AUTHORIZED EQUIPMENT						
FIGURE 26. COUPLER ASSEMBLY, PN 11833476						
1	XAOZZ		19200	11833477	COUPLER UOC: G69.....	1
2	PAOZZ	5315-00-846-2141	96906	MS39086-127	PIN, SPRING UOC: G69.....	2
3	PAOZZ	4010-01-217-1192	19200	11833478	HARNESS ASSEMBLY UOC: G69.....	1

END OF FIGURE

END OF WORK PACKAGE

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
COMPONENT OF END ITEM, ADAPTER ASSEMBLY, AMMO,
NSN 1005-01-431-8324,PN 12976909

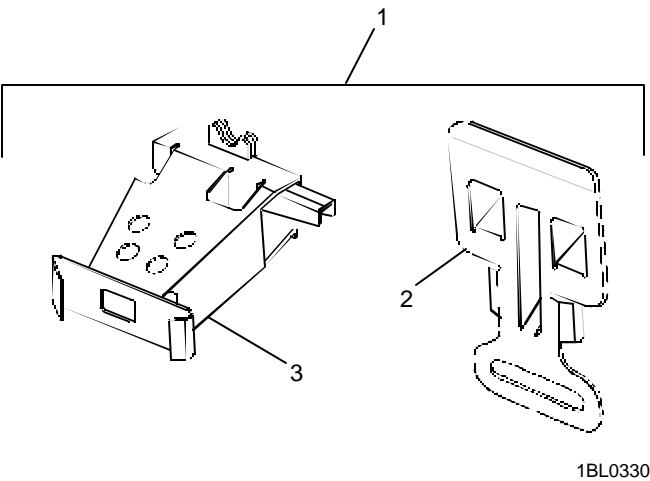


Figure 27. Component of End Item, Adapter Assembly, Ammo, PN 12976909

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP COMPONENT OF END ITEM						
FIGURE 27. ADAPTER ASSEMBLY, AMMO, PN 12976909						
1	PAOOO	1005-01-431-8324	19200	12976909	ADAPTER ASSEMBLY, AMMO UOC: BB2.....	1
2	PAOZZ	1005-01-431-8325	19200	12976915	BRACKET, AMMO UOC: BB2.....	1
3	XAOZZ		19200	12976910	ASSEMBLY, BANDOLIER UOC: BB2.....	1

END OF FIGURE

END OF WORK PACKAGE

CROSS REFERENCE LIST – PART NUMBER

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
AN565A540H7	5305-01-524-2975	96906	18	8
MS15795-814B	5310-00-036-6770	80205	10	11
MS16562-106	5315-00-058-6044	80205	14	6
MS16562-122	5315-00-710-2735	80205	2	4
MS16996-10B	5305-00-419-0820	80205	15	12
MS171475	5315-00-806-0213	96906	5	12
			6	16
MS171526	5315-00-881-2253	96906	23	4
MS171646	5315-00-598-6435	96906	25	2
MS21083C5	5310-00-020-3260	80205	11	5
MS21083C6	5310-00-956-4549	96906	10	4
MS24665-437	5315-00-849-5579	80205	14	3
MS35842-15	4730-00-908-6293	96906	24	3
MS39086-147	5315-00-832-4132	96906	5	8
MS39086-205	5315-00-836-0643	96906	14	1
MS39086-406	5315-01-276-5877	96906	14	9
MS39086-80	5315-00-812-1006	96906	5	15
MS39086-91	5315-00-812-1007	96906	15	6
MS39086-127	5315-00-846-2141	96906	26	2
MS51923-152	5315-00-410-4853	80205	3	1
MS9226-04	9505-00-995-3177	96906	BULK	2
			4	4
MS9286-24	5306-01-192-0677	96906	10	10
NAS 1351N-3-9B	TBD		15	12
NAS 1351N-3-9B	5305-01-500-6514	80205	15	9
NAS1352-3LB8B	5305-01-522-8055	80205	18	1
NAS1407-5M5	5315-01-114-2396	96906	18	12
NPN		19200	15	1
W211NAG0019NN037NNPE1	5315-01-501-3005	80204	15	8
11825982		19200	13	3
11825985	1005-01-044-1026	19200	1	1
			2	10
11825986		19200	2	3
11825992	1005-01-036-7160	19200	2	9
11825997	1005-01-034-6503	19200	2	7
11825999	1005-01-032-8146	19200	2	5
11826001	1005-01-033-3900	19200	2	6
11826002	1005-01-032-8152	19200	2	2
11826003	1005-01-033-3899	19200	2	8
11826006	1005-01-032-8143	19200	1	9

CROSS REFERENCE LIST – PART NUMBER (cont)

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
11826017	3040-01-091-0682	19200	12	3
11826018	5315-01-090-8051	19200	12	1
11826020	1005-01-091-0683	19200	1	8
11826022	1005-01-090-8052	19200	12	10
11826023	1005-01-090-8120	19200	12	12
11826024	1005-01-035-0829	19200	1	14
11826035	1005-01-090-8121	19200	12	11
11826038		19200	1	7
11826039	1005-01-090-8050	19200	12	6
11826040	1005-01-033-9410	19200	8	3
11826041		19200	9	1
11826042	3120-01-127-8980	19200	9	2
11826046	5360-01-133-8874	19200	9	3
11826047	5315-01-158-7862	19200	9	4
11826054	5315-01-037-5586	19200	7	3
11826057		19200	7	1
11826060	1005-01-033-4538	19200	8	5
11826061	1005-01-032-8142	19200	8	7
11826062	5360-13-110-9364	19200	8	6
11826065	1005-01-033-1532	19200	7	2
11826067	1005-01-033-1525	19200	8	1
11826068-1	5315-01-033-8873	19200	7	4
11826068-2	5315-01-033-3889	19200	14	5
11826068-3	5315-01-033-3887	19200	8	4
11826069	5360-01-033-8885	19200	8	2
11826070		19200	1	13
11826072	1005-01-033-3901	19200	7	5
11826076	4933-01-038-7179	19200	19	1
11826077	4933-01-038-7183	19200	19	5
11826080		19200	14	26
11826120	5305-01-035-2479	19200	14	21
11826121	5310-01-033-8380	19200	14	20
11826122	5340-01-033-1484	19200	14	19
11826130	5315-01-033-3885	19200	15	4
11826131	5360-01-033-8884	19200	15	2
11826135	1005-01-033-3629	19200	14	8
11826145	1005-01-032-8145	19200	14	14
11826152		19200	5	1
11826153	1055-01-034-1617	19200	14	2
11826155	5360-01-034-4115	19200	14	4
11826156	5340-01-033-3910	19200	14	11
11826158	5360-01-034-1639	19200	14	10

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
11826160	5315-01-033-3888	19200	1	19
11826165		19200	1	5
11826166	1005-01-032-8151	19200	12	10
11826177	3040-01-033-1501	19200	12	3
11826182	5360-01-035-0838	19200	13	2
11826189	5360-01-034-4114	19200	13	1
11826191		19200	13	3
11826192		19200	1	18
11826200	5325-01-033-3927	19200	12	2
11826201	5360-01-033-8385	19200	12	4
11826202	5315-01-033-8872	19200	12	5
11826203	5340-01-033-6598	19200	12	8
11826204	5340-01-033-6597	19200	12	7
11826205	5315-01-033-3898	19200	12	1
11826206	5340-01-032-8148	19200	12	9
11826207	1005-01-033-1516	19200	12	11
11826208	1005-01-032-8154	19200	12	12
11826209	1005-01-033-3897	19200	12	6
11826211	1005-01-257-9253	19200	1	10
11826213	5340-01-032-8147	19200	5	9
11826214	5360-01-033-3926	19200	5	10
			6	14
11826215	5340-01-033-3909	19200	5	11
			6	15
11826216	5315-01-033-3886	19200	5	2
			6	17
11826218	1005-01-033-1505	19200	5	3
			6	2
11826219	1005-01-032-8149	19200	5	4
			6	3
11826220	1005-01-032-8150	19200	5	5
			6	4
11826221	5310-01-033-3851	19200	5	7
			6	6
11826222	5365-01-033-3931	19200	5	6
			6	5
11826230	1005-01-440-8010	19200	1	17
11826231	1005-01-033-3646	19200	10	6
11826232-1	1005-01-033-1528	19200	10	9
11826232-2	1005-01-034-4113	19200	10	3
11826234	1005-01-033-1502	19200	10	5
11826240	1005-01-033-1526	19200	10	1
11826250	5315-01-034-1583	19200	10	13

CROSS REFERENCE LIST – PART NUMBER (cont)

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
11826253	1005-01-033-1524	19200	10	2
11826254	5360-01-033-1535	19200	10	14
11826255	5315-01-033-3890	19200	10	12
11826258	1005-01-033-8328	19200	10	8
11826274	4933-01-043-8212	19200	19	3
11826276	5220-01-082-5564	19200	19	6
11826277	5315-01-035-0827	19200	1	20
11826298	5210-01-082-1714	19200	19	7
11826299	4933-01-043-8211	19200	19	2
11826304	4933-01-043-9450	19200	19	4
11833460	1005-01-142-2841	19200	21	1
11833463		19200	23	1
11833464		19200	22	2
11833467	4010-01-171-4833	19200	23	2
11833468	8105-01-147-9841	19200	21	2
11833472	1005-01-146-3437	19200	22	1
11833473	5340-00-932-1790	19200	23	3
11833475	1005-01-218-0693	19200	21	3
11833476	1005-01-217-1191	19200	24	2
11833477		19200	26	1
11833478	4010-01-217-1192	19200	26	3
11833481	1005-01-217-1193	19200	24	1
11833484		19200	25	3
11833488		19200	25	1
12012086	1005-01-458-7004	19200	19	8
12597035	1005-01-251-9701	19200	1	3
			2	1
12597036	1055-01-251-9757	19200	2	13
12597038		19200	2	11
12597039	1005-01-251-9687	19200	3	5
12597040-1	1005-01-255-4266	19200	3	2
12597040-2	1005-01-255-4232	19200	3	2
12597041	5340-01-251-9729	19200	3	3
12597042	5360-01-251-9688	19200	3	4
12597043	5305-01-251-9731	19200	2	12
12597044		19200	1	23
12597045	5355-01-251-9755	19200	14	12
12597046		19200	14	15
12597047	1005-01-251-9691	19200	16	1
12597048	1005-01-251-9690	19200	16	3

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
12597049		19200	17	4
12597050	1005-01-251-9700	19200	17	2
12597051	5360-01-251-9699	19200	17	3
12597052	5315-01-251-9723	19200	17	1
12597053	5305-01-251-9738	19200	16	2
12597054	5360-01-251-9724	19200	14	17
12597055	1005-01-251-9689	19200	14	16
12597056	5315-01-251-9722	19200	14	18
12597057	1005-01-251-9692	19200	1	12
12597058		19200	5	1
12597062	5340-01-251-9695	19200	5	9
12597063	1005-01-251-9694	19200	5	16
12597066	1005-01-251-9693	19200	5	13
12597069	5360-01-251-9725	19200	5	14
12597071	1005-01-251-9696	19200	10	7
12597072		19200	11	4
12597073	1005-01-251-9698	19200	11	1
12597076	1005-01-251-9697	19200	11	2
12597077	5360-01-251-9726	19200	11	3
12597078	5310-01-251-9734	19200	11	6
12976817		19200	1	2
			2	14
12976818	1005-01-408-5897	19200	1	4
			2	16
12976819	1005-01-408-3585	19200	2	18
12976820	1005-01-408-3590	19200	4	2
12976821	5310-01-408-3593	19200	4	3
12976823		19200	4	1
12976827	5360-01-410-9257	19200	2	19
12976828	1005-01-408-5419	19200	2	20
12976829	5315-01-409-0142	19200	2	21
12976830	1030-01-408-3578	19200	2	17
12976831	1005-01-431-0664	19200	2	15
12976834		19200	1	25
12976835	1005-01-409-0143	19200	14	8
12976843	1005-01-441-5758	19200	14	23
12976844	5360-01-440-4914	19200	14	24
12976845	5340-01-440-3809	19200	14	25
12976846	5315-01-435-8728	19200	14	22
12976847	5365-01-408-5439	19200	14	30
12976848	1005-01-408-5435	19200	14	28
12976849	5360-01-408-5998	19200	14	29

CROSS REFERENCE LIST – PART NUMBER (cont)

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
12976850	5315-01-409-0136	19200	14	27
12976851	1005-01-408-5901	19200	1	11
12976852	1005-01-453-9051	19200	6	13
12976859	1030-01-408-3597	19200	6	1
12976861	1030-01-408-3594	19200	6	13
12976862	5305-01-408-4892	19200	6	9
12976863	1005-01-408-5417	19200	6	11
12976864	5305-01-408-4890	19200	6	10
12976866		19200	1	13
12976867	1005-01-413-6992	19200	7	5
12976869	1005-01-408-6669	19200	1	15
12976870	1005-01-408-4361	19200	10	18
12976874	1005-01-410-8544	19200	10	15
12976875	1005-01-410-8498	19200	10	16
12976876		19200	10	17
12976877	1005-01-408-4600	19200	10	20
12976880	5305-01-408-4953	19200	10	21
12976881	1005-01-408-5416	19200	10	22
12976882	1005-01-409-0144	19200	10	19
12976883	1005-01-408-5905	19200	1	26
			14	32
12976884	1005-01-408-6002	19200	18	7
12976894	1005-01-408-6671	19200	18	12
12976897	1005-01-408-6011	19200	18	13
12976898	5315-01-408-6676	19200	18	5
12976899	5360-01-408-6000	19200	18	4
12976900		19200	18	1
12976901	1005-01-408-5438	19200	18	3
12976902	1005-01-408-6678	19200	18	14
12976903	1005-01-408-5437	19200	18	2
12976904	5315-01-408-6413	19200	18	6
12976905	5360-01-408-6675	19200	18	11
12976906	5365-01-408-9050	19200	18	8
12976907	5310-01-408-9456	19200	18	9
12976908	5310-01-408-9052	19200	18	10
12976909	1005-01-431-8324	19200	27	1
12976910		19200	27	3
12976915	1005-01-431-8325	19200	27	2
12977101		19200	1	6
12977102	1005-01-432-9538	19200	12	10
12977104		19200	1	24
12977106	5355-01-464-1091	19200	14	12

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
12977107	5315-01-460-3383	19200	14	9
12977108		19200	1	16
12977112	1005-01-455-2116	19200	10	1
12988984	1005-01-472-8350	19200	6	18
12988985	5305-01-461-0327	19200	6	21
12988986	1005-01-461-2658	19200	1	11
12988988	1005-01-461-0326	19200	6	20
12988989		19200	6	19
12991418	5315-01-479-0126	19200	14	7
12993733	1005-01-480-0289	19200	20	1
12993734		19200	20	4
12993735	5340-01-481-8127	19200	20	2
12997498		19200	15	5
12997499	1005-01-489-5380	19200	15	7
12997500	1005-01-484-9927	19200	15	3
12997566		19200	1	21
12997573	1005-01-489-5357	19200	15	13
12997574	1005-01-486-3661	19200	15	11
12997575	5970-01-486-3660	19200	15	10
12997576		19200	14	31
12999179		19200	1	22
12999955	1005-01-522-0757	19200	2	17
13001481	1005-01-522-0759	19200	1	29
13001483		19200	18	1
13001486		19200	18	9
13001487	1005-01-522-0769	19200	18	10
13001488	1005-01-522-0762	19200	18	6
13001489	5360-01-522-0763	19200	18	7
13001491	1005-01-522-0764	19200	18	4
13001494	5340-01-522-0765	19200	18	15
13001495	1005-01-522-0768	19200	18	13
13001496	5360-01-522-0766	19200	18	11
13001502		19200	18	3
13001503	1005-01-522-0760	19200	18	2
13001504	5305-01-522-7621	19200	18	14
13001601	1005-01-512-6424	19200	2	8
13002076	1005-01-512-9284	19200	19	9
13008220	1005-01-522-4812	19200	1	3
			2	16
13008368	1005-01-525-5050	19200	1	26
13008369	1005-01-524-7773	19200	10	1
13008744		19200	1	22

CROSS REFERENCE LIST – PART NUMBER (cont)

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
5009369	1005-00-918-2617	19200	5	21
5009394	5305-00-500-9394	19200	5	18
5152854	5315-00-515-2854	19200	5	17
590479	5315-00-181-6984	21450	14	13
6008937	5340-00-600-8937	19200	5	19
7265561	1005-00-726-5561	19204	5	22
7312517	5315-00-731-2517	19200	5	20
7548584-3	5325-01-480-6849	19200	20	3
93013A3201	1030-01-408-4891	01365	6	8
93013A3204	5310-01-408-3628	01365	6	7
9439046	4720-01-156-0549	11862	BULK	1

CROSS REFERENCE INDEX – NATIONAL STOCK NUMBER

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
5310-00-020-3260	11	5
5310-00-036-6770	10	11
5315-00-058-6044	14	6
5315-00-181-6984	14	13
5315-00-410-4853	3	1
5305-00-419-0820	15	12
5305-00-500-9394	5	18
5315-00-515-2854	5	17
5310-00-596-7691	15	8
5315-00-598-6435	25	2
5340-00-600-8937	5	19
5315-00-710-2735	2	4
1005-00-726-5561	5	22
5315-00-731-2517	5	20
5315-00-806-0213	5	12
	6	16
5315-00-812-1006	5	15
5315-00-812-1007	15	6
5315-00-832-4132	5	8
5315-00-836-0643	14	1
5315-00-846-2141	26	2
5315-00-849-5579	14	3
5315-00-881-2253	23	4
4730-00-908-6293	24	3
1005-00-918-2617	5	21
5340-00-932-1790	23	3
5310-00-956-4549	10	4
9505-00-995-3177	BULK	2
1005-01-032-8142	8	7
1005-01-032-8143	1	9
1005-01-032-8145	14	14
1005-01-032-8146	2	5
5340-01-032-8147	5	9
5340-01-032-8148	12	9
1005-01-032-8149	5	4
	6	3
1005-01-032-8150	5	5
	6	4
1005-01-032-8151	12	10
1005-01-032-8152	2	2

CROSS REFERENCE INDEX – NATIONAL STOCK NUMBER (cont)

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
1005-01-032-8154	12	12
5340-01-033-1484	14	19
3040-01-033-1501	12	3
1005-01-033-1502	10	5
1005-01-033-1505	5	3
1005-01-033-1505	6	2
1005-01-033-1516	12	11
1005-01-033-1524	10	2
1005-01-033-1525	8	1
1005-01-033-1526	10	1
1005-01-033-1528	10	9
1005-01-033-1532	7	2
5360-01-033-1535	10	14
1005-01-033-3629	14	8
1005-01-033-3646	10	6
5310-01-033-3851	6	6
	5	7
5315-01-033-3885	15	4
5315-01-033-3886	5	2
	6	17
5315-01-033-3887	8	4
5315-01-033-3888	1	19
5315-01-033-3889	14	5
5315-01-033-3890	10	12
1005-01-033-3897	12	6
5315-01-033-3898	12	1
1005-01-033-3899	2	8
1005-01-033-3900	2	6
1005-01-033-3901	7	5
5340-01-033-3909	5	11
	6	16
5340-01-033-3910	14	11
5360-01-033-3926	5	10
	6	14
5325-01-033-3927	12	2
5365-01-033-3931	6	5
	5	6
1005-01-033-4538	8	5
5340-01-033-6597	12	7
5340-01-033-6598	12	8
1005-01-033-8328	10	8
5310-01-033-8380	14	20

<u>NATIONAL STOCK NUMBER</u>	<u>ITEM</u>	<u>FIGURE</u>
5360-01-033-8385	4	12
5315-01-033-8872	5	12
5315-01-033-8873	4	7
5360-01-033-8884	2	15
5360-01-033-8885	2	8
1005-01-033-9410	3	8
5315-01-034-1583	13	10
1005-01-034-1617	2	14
5360-01-034-1639	10	14
1005-01-034-4113	3	10
5360-01-034-4114	1	13
5360-01-034-4115	4	14
1005-01-034-6503	7	2
5315-01-035-0827	20	1
1005-01-035-0829	14	1
5360-01-035-0838	2	13
5305-01-035-2479	21	14
1005-01-036-7160	9	2
5315-01-037-5586	3	7
4933-01-038-7179	1	19
4933-01-038-7183	5	19
4933-01-043-8211	2	19
4933-01-043-8212	3	19
4933-01-043-9450	4	19
1005-01-044-1026	1	1
1005-01-044-1026	10	2
5210-01-082-1714	7	19
5220-01-082-5564	6	19
1005-01-090-8050	6	12
5315-01-090-8051	1	12
1005-01-090-8052	10	12
1005-01-090-8120	12	12
1005-01-090-8121	11	12
3040-01-091-0682	3	12
1005-01-091-0683	8	1
5315-01-114-2396	18	12
3120-01-127-8980	2	9
5360-01-133-8874	3	9
1005-01-142-2841	1	21
1005-01-146-3437	1	22
8105-01-147-9841	2	21
4720-01-156-0549	1	BULK
5315-01-158-7862	4	9

CROSS REFERENCE INDEX – NATIONAL STOCK NUMBER (cont)

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
4010-01-171-4833	2	23
5306-01-192-0677	10	10
1005-01-217-1191	24	2
4010-01-217-1192	26	3
1005-01-217-1193	24	1
1005-01-218-0693	21	3
1005-01-251-9687	3	5
5360-01-251-9688	3	4
1005-01-251-9689	14	16
1005-01-251-9690	16	3
1005-01-251-9691	16	1
1005-01-251-9692	1	12
1005-01-251-9693	5	13
1005-01-251-9694	5	16
5340-01-251-9695	5	9
1005-01-251-9696	10	7
1005-01-251-9697	11	2
1005-01-251-9698	11	1
5360-01-251-9699	17	3
1005-01-251-9700	17	2
1005-01-251-9701	1	3
1005-01-251-9701	2	1
5315-01-251-9722	14	18
5315-01-251-9723	17	1
5360-01-251-9724	14	17
5360-01-251-9725	5	14
5360-01-251-9726	11	3
5340-01-251-9729	3	3
5305-01-251-9731	2	12
5310-01-251-9734	11	6
5305-01-251-9738	16	2
5355-01-251-9755	14	12
1055-01-251-9757	2	13
1005-01-255-4232	3	2
1005-01-255-4266	3	2
1005-01-257-9253	1	10
5315-01-276-5877	14	9
1030-01-408-3578	2	17
1005-01-408-3585	2	18
1005-01-408-3590	4	2
5310-01-408-3593	4	3
1030-01-408-3594	6	13

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
1030-01-408-3597	6	1
5310-01-408-3628	6	7
1005-01-408-4361	10	18
1005-01-408-4600	10	20
1005-01-408-3585	2	18
1005-01-408-3590	4	2
1030-01-408-4891	6	8
5305-01-408-4890	6	10
5305-01-408-4892	6	9
5305-01-408-4953	10	21
1005-01-408-5416	10	22
1005-01-408-5417	6	11
1005-01-408-5419	2	20
1005-01-408-5435	14	28
1005-01-408-5437	18	2
1005-01-408-5438	18	3
5365-01-408-5439	14	30
1005-01-408-5897	1	4
	2	16
1005-01-408-5901	1	11
1005-01-408-5905	1	26
	14	32
5360-01-408-5998	14	29
5360-01-408-6000	18	4
1005-01-408-6002	18	7
1005-01-408-6011	18	13
5315-01-408-6413	18	6
1005-01-408-6669	1	15
1005-01-408-6671	18	12
5360-01-408-6675	18	11
5315-01-408-6676	18	5
1005-01-408-6678	18	14
5365-01-408-9050	18	8
5310-01-408-9052	18	10
5360-01-410-9257	2	19
5310-01-408-9456	18	9
5315-01-409-0136	14	27
5315-01-409-0142	2	21
1005-01-409-0143	14	8
1005-01-409-0144	10	19
1005-01-410-8498	10	16
1005-01-410-8544	10	15
5360-01-410-9257	2	19

CROSS REFERENCE INDEX – NATIONAL STOCK NUMBER (cont)

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
1005-01-413-6992	7	5
1005-01-431-0664	2	15
1005-01-431-8324	27	1
1005-01-431-8325	27	2
1005-01-432-9538	12	10
5315-01-435-8728	14	22
5340-01-440-3809	14	25
5360-01-440-4914	14	24
1005-01-440-8010	1	17
1005-01-441-5758	14	23
1005-01-453-9051	6	13
1005-01-455-2116	10	1
1005-01-458-7004	19	8
5315-01-460-3383	14	9
1005-01-461-0326	6	21
5305-01-461-0327	6	22
1005-01-461-2658	1	11
5355-01-464-1091	14	12
1005-01-472-8350	6	19
5315-01-479-0126	14	7
1005-01-480-0289	20	1
5325-01-480-6849	20	3
5340-01-481-8127	20	2
1005-01-484-9927	15	3
5970-01-486-3660	15	10
1005-01-486-3661	15	11
1005-01-489-5357	15	13
1005-01-489-5380	15	7
5305-01-500-6514	15	9
5315-01-501-3055	15	8
1005-01-512-6424	2	8
1005-01-512-9284	19	9
1005-01-522-0759	1	29
1005-01-522-0760	18	2
1005-01-522-0762	18	6
5360-01-522-0763	18	7
1005-01-522-0764	18	4
5340-01-522-0765	18	15
5360-01-522-0766	18	11
1005-01-522-0768	18	13
1005-01-522-0769	18	10

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
1005-01-522-4812	1	3
1005-01-522-4817	2	16
5305-01-522-7621	18	14
5305-01-522-8055	18	1
5305-01-524-2975	18	8
1005-01-524-7773	13	1
1005-01-525-5050	1	26
5360-13-110-9364	8	6

EXPENDABLE AND DURABLE ITEMS LIST**INTRODUCTION****Scope**

This work package lists expendable and durable items that you will need to operate and maintain the M240 Series Machine Gun. This list is for information only and is not authority to requisition the listed items. These items are authorized to you by CTA 50-970, Expendable /Durable Items (Except Medical, Class V Repair Parts, and heraldic Items), or CTA 8-100, Army Medical Department Expendable/Durable Items.

Explanation of Columns in the Expendable/Durable Items List

Column (1) – Item Number. This number is assigned to the entry in the list and is listed in the narrative instructions to identify the item (e.g., Use brake fluid (item 5, WP 0098 00.).

Column (2) – Level. This column identifies the lowest level of maintenance that requires the listed item.

C – Operator/Crew
O – Unit Maintenance
F – Direct Support Maintenance

Column (3) – National Stock Number (NSN). This is the NSN assigned to the item which you can use to requisition it.

Column (4) – Item Name, Description, Commercial and Government Entity Code (CAGEC), and Part Number (P/N). This column identifies the other information you need to identify the item.

Column (5) – Unit of Measure. This code shows the physical measurement or count of an item, such as gallon, dozen, gross, etc.

EXPENDABLE AND DURABLE ITEMS LIST**Table 1. Expendable /Durable Items List**

(1) ITEM NUMBER	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) DESCRIPTION	(5) QTY
			NOTE CLP is an alternative to LSA and LAW. Do not mix lubricants on the same weapon. The weapon must be thoroughly cleaned with cleaning solvent before changing lubricants.	
1	O	9150-01-054-6453 9150-01-053-6688	CLEANER, LUBRICANT AND PRESERVATIVE: Grade 2 (CLP) (81349) MIL-PRF-63460 1 pint bottle 1 gal bottle	PT GL
2	O	6850-00-224-6657 6850-00-224-6663	CLEANING COMPOUND, SOLVENT: Rifle bore cleaner (RBC) (81349) MIL-PRF-372 8 oz can 1 gal can	OZ GL

EXPENDABLE AND DURABLE ITEMS LIST (cont)**Table 1. Expendable /Durable Items List (cont)**

(1) ITEM NUMBER	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) DESCRIPTION	(5) QTY
3	O	5350-00-221-0872	CLOTH, ABRASIVE, CROCUS (76381) 051144-02435 50 sheet package	SH
4	O	6850-01-474-2319	CLEANING, SOLVENT (81349) MIL-PRF-680, Type 2 1 gal can	GL
5	F	8030-01-499-3589	LOCTITE 246, THREADLOCKER (05972) 29513 10 ml bottle	1
6	O	9150-01-260-2534	LUBRICANT, SOLID FILM (81349) MIL-L-23398 16 oz aerosol can	OZ
7	O	9150-00-231-6689 9150-00-231-9062	LUBRICATING OIL, P-9 (81349) MIL-PRF-32033 1 qt can 5 gal can	QT GL
8	O	9150-00-292-9689	LUBRICATING OIL, WEAPONS (LAW) (81349) MIL-PRF-14107 1 qt can	QT
9	O	9150-00-753-4686	LUBRICATING OIL, WEAPONS (LSA) (81349) MIL-L-46000 1 gal can	GL
10	C O	9150-00-949-0323 9150-01-109-7793	LUBRICATING OIL, WEAPONS (LSA-T) (81349) MIL-L-46150 8 oz tube 16 oz can (Marine Corps only)	EA LB
11	C	7920-00-205-1711	RAG, WIPING (80244) A-A-531 50 lb bale	LB
12	O	8030-01-088-8140	SEALING COMPOUND (81349) MIL-S-46163	EA
13	F	8030-01-069-3046	SEALING COMPOUND, LOCTITE (19200) 12989984 50 cc bottle	EA
14	O	7930-00-965-4868	SOAP, LAUNDRY (80244) NPN 120 bars to box	EA

END OF WORK PACKAGE

ALPHABETICAL INDEX

B

Barrel Assembly.....	WP 0009 00/ WP 0024 00
Bolt Assembly	WP 0014 00/ WP 0030 00
Bolt and Operating Rod Assembly.....	WP 0013 00/ WP 0029 00
Buffer Assembly (M240/M240C).....	WP 0026 00
Buffer and Spade Grip Assembly (M240D/M240E1)	WP 0011 00/ WP 0027 00
Buttstock and Hydraulic Buffer Assembly (M240B/M240N) and Buttstock and Buffer Assembly (M240G)	WP 0012 00/ WP 0028 00

C

Carrying Handle Assembly (M240B/M240D/M240G/M240N)	WP 0025 00
Cover Assembly.....	WP 0033 00
Corrosion Prevention and Control	WP 0001 00-3
Cross References Index – Part Number.....	WP 0072 00
Cross References Index – National Stock Number	WP 0073 00

D

Destruction of Materiel to Prevent Enemy use	WP 0001 00-3
Differences Between Models	WP 0002 00-5

E

Equipment Data	WP 0002 00-6
Equipment Description and Data	WP 0002 00-1
Equipment Characteristics, Capabilities, and Features.....	WP 0002 00-1
Expendable and Durable Items List.....	WP 0074 00

F

Failure to Chamber	WP 0004 00-2
Failure to Cock or Runaway Gun.....	WP 0022 00-1/ WP 0004 00-6
Failure to Eject	WP 0004 00-5
Failure to Extract.....	WP 0004 00-6
Failure to Feed.....	WP 0004 00-4
Failure to Fire	WP 0004 00-3
Feed Pawl Assembly	WP 0034 00
Final Inspection of M240 Series Machine Gun	WP 0038 00
Front Sight Assembly.....	WP 0010 00

G

Gun Ruptures Cartridges Cases.....	WP 0022 00-2
------------------------------------	--------------

H

How to use this Manual.....	vi
-----------------------------	----

ALPHABETICAL INDEX

I

Illustrated List of Manufactured Items WP 0040 00

L

Location and Description of Major Components WP 0002 00-1

M

Machine Gun, M240 Series WP 0008 00/WP 0023 00

Maintenance Allocation Chart WP 0042 00

Maintenance Forms, Records and Reports WP 0001 00-3

Maintenance of, Direct Support:

Barrel Assembly WP 0024 00

Bolt and Operating Rod Assembly WP 0029 00

Bolt Assembly WP 0030 00

Buffer Assembly (M240/M240C) WP 0026 00

Buffer and Spade Grip Assembly (M240D/M240E1) WP 0027 00

Buttstock and Hydraulic Buffer Assembly (M240B/M240N)

and Buttstock and Buffer Assembly (M240G) WP 0028 00

Carrying Handle Assembly (M240B/M240D/M240G/M240N) WP 0025 00

Cover Assembly WP 0033 00

Feed Pawl Assembly WP 0034 00

Final Inspection of M240 Series Machine Gun WP 0038 00

Machine Gun, M240 Series WP 0023 00

Receiver Assembly WP 0035 00

Receiver Body Assembly WP 0037 00

Trigger Housing Assembly (M240/M240C/M240D/M240E1) WP 0031 00

Trigger Housing Assembly (M240B/M240G/M240N) WP 0032 00

Maintenance of, Unit:

Barrel Assembly WP 0009 00

Bipod Assembly (M240B/M240G) WP 0018 01

Bipod Assembly (M240H) WP 0018 02

Bolt and Operating Rod Assembly WP 0013 00

Bolt Assembly WP 0014 00

Buffer and Spade Grip Assembly (M240D/M240E1) WP 0011 00

Buttstock and Buffer Assembly (M240B/M240G/M240N) WP 0012 00

Front Sight Assembly WP 0010 00

Machine Gun, M240 Series WP 0008 00

Receiver Assembly WP 0018 00

Rear Sight Assembly (M240B/M240D M240E1/M240G) WP 0019 00

Slide Assembly (M240B/M240D M240E1/M240G) WP 0020 00

Trigger Actuating Assembly (M240D/M240E1) WP 0017 00

Trigger Housing Assembly (M240/M240C/M240D/M240E1) WP 0015 00

Trigger Housing Assembly (M240B/M240G/M240N) WP 0016 00

Maintenance Troubleshooting Procedures (Direct Support):

Failure to Cock or Runaway Gun WP 0022 00-1

Gun Ruptures Cartridges Cases WP 0022 00-2

Safety does not function WP 0022 00-1

M(cont)

Maintenance Troubleshooting Procedures (Unit):

Failure to Cock or Runaway Gun	WP 0004 00-6
Failure to Eject	WP 0004 00-5
Failure to Extract	WP 0004 00-6
Failure to Chamber	WP 0004 00-2
Failure to Feed	WP 0004 00-4
Failure to Fire	WP 0004 00-3
Sluggish Operation	WP 0004 00-3
Maintenance Instructions, Unit	WP 0005 00-1
Maintenance Instructions, Direct Support.....	WP 0021 00-1

O

Official Nomenclature, Names, and Designations	WP 0001 00-4
--	--------------

P

Preembarkation Inspection of Materiel for Units

Alerted for Overseas Movement.....	WP 0039 00
Preparation for Storage and Shipment	WP 0001 00-3
Preventive Maintenance Checks and Services, Unit.....	WP 0007 00

R

Rear Sight Assembly (M240B/M240D M240E1/M240G)	WP 0019 00
Receiver Assembly	WP 0018 00/WP 0035 00
Receiver Body Assembly	WP 0037 00
References.....	WP 0041 00
Repair Parts and Special Tools List, Unit and Direct Support (General).....	WP 0043 00
Repair Parts and Special Tools List, Unit and Direct Support for:	
Actuating Assembly (M240D/M240E1)	WP 0054 00
Adapter Assembly, Ammo., Associated Equipment	WP 0071 00
Adapter, Associated Equipment.....	WP 0068 00
Barrel Assembly	WP 0045 00
Bipod Assembly	WP 0061 00
Bipod Assembly (M240H)	WP 0061 001
Bolt and Operating Rod Assembly.....	WP 0050 00
Bolt Assembly	WP 0051 00
Breech Body Assembly	WP 0052 00
Buffer Assembly (M240/M240C); Buffer and Spade Grip Assembly (M240D/M240E1)	WP 0048 00
Bulk Items	WP 0062 00
Buttstock and Hydraulic Buffer Assembly (M240B/M240N) and Buttstock and Buffer Assembly (M240G).....	WP 0049 00
Case, Barrel Bag.....	WP 0063-01
Chamber and Discriminator Assembly, Associated Equipment	WP 0066 00
Coupler Assembly, Associated Equipment.....	WP 0070 00
Cover Assembly	WP 0055 00
Discriminator Assembly, Associated Equipment	WP 0067 00
Extension Assembly, Associated Equipment.....	WP 0069 00
Feed Pawl Assembly	WP 0056 00
Front Sight Assembly	WP 0046 00
Handle Assembly, Carrying	WP 0047 00
Machine Gun, M240 Series	WP 0044 00
M21 Blank Firing Attachment, Associated Equipment.....	WP 0065 00
M24 Chamber Device, Associated Equipment	WP 0064 00

ALPHABETICAL INDEX

R (cont)

Repair Parts and Special Tools List, Unit and Direct Support for (cont):	
Rear Sight Assembly (M240B/M240D/M240E1/M240G/M240N)	WP 0059 00
Receiver Assembly.....	WP 0057 00
Receiver Body Assembly	WP 0058 00
Slide Assembly (M240B/M240D/M240E1/M240G/M240N)	WP 0060 00
Special Tools	WP 0063 00
Trigger Housing Assembly (M240/M240C/M240D/M240E1)	
and Trigger Housing, Infantry (M240B/M240G/M240N)	WP 0053 00
Reporting Equipment Improvement Recommendations	WP 0001 00-3

S

Safety does not function.....	WP 0022 00-1
Service Upon Receipt of Materiel.....	WP 0006 00-1
Slide Assembly (M240B/M240D M240E1/M240G)	WP 0020 00
Sluggish Operation	WP 0004 00-3

T

Theory of Operation	WP 0003 00-1
Trigger Actuating Assembly (M240D/M240E1).....	WP 0017 00
Trigger Housing Assembly (M240/M240C/M240D/M240E1)	WP 0015 00/WP 0031 00
Trigger Housing Assembly (M240B/M240G/M240N).....	WP 0016 00/WP 0032 00

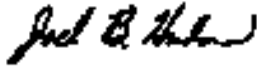
W

Warning Summary.....	a
----------------------	---

By Order of the Secretaries of the Army, Air Force,
Marine Corps and Navy:

Official:

ERIC K. SHINSEKI
General, United States Army
Chief of Staff



JOEL B. HUDSON
Administrative Assistant to the
Secretary of the Army
0215503

MICHAEL E. RYAN
General United States Air Force
Chief of Staff

D.R. BLOOMER
Colonel, USMC
Director, Program Support
Marine Corps Systems Command

JERRY GASKILL
Small Arms Program Manager
Naval Sea Systems Command

DISTRIBUTION: To be furnished in accordance with the initial distribution requirements for
(IDN) 401105 requirements for TM 9-1005-313-23&P.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN SET DOWN THE
DOPE ABOUT IT ON THIS
FORM. CAREFULLY TEAR IT
OUT, FOLD IT AND DROP IT
IN THE MAIL.

SOMETHING WRONG WITH THIS PUBLICATION?

FROM (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT - PIN POINT WHERE IT IS

PAGE
NO.

PARA
GRAPH

FIGURE
NO.

TABLE
NO.

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 2028-2
1 JUL 79

PREVIOUS EDITIONS
ARE OBSOLETE
AMSMC OP 103-85

P.S. - IF YOUR UNIT WANTS TO KNOW ABOUT YOUR
RECOMMENDATION MAKE A CARBON COPY OF THIS
AND GIVE IT TO YOUR HEADQUARTERS

FILL IN YOUR
UNITS ADDRESS



DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS

PERMIT NO. 82

ROCK ISLAND IL

POSTAGE WILL BE PAID BY ROCK ISLAND ARSENAL



Director
Armament and Chemical Acquisition
and Logistics Activity
ATTN: AMSTA-AC-NML
Rock Island, IL 61201-9948



TEAR ALONG PERFORATED LINE

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN SET DOWN THE
DOPE ABOUT IT ON THIS
FORM. CAREFULLY TEAR IT
OUT, FOLD IT AND DROP IT
IN THE MAIL.

SOMETHING WRONG WITH THIS PUBLICATION?

FROM (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT - PIN POINT WHERE IT IS

PAGE
NO.

PARA
GRAPH

FIGURE
NO.

TABLE
NO.

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 2028-2
1 JUL 79

PREVIOUS EDITIONS
ARE OBSOLETE
AMSMC OP 103-85

P.S. - IF YOUR UNIT WANTS TO KNOW ABOUT YOUR
RECOMMENDATION MAKE A CARBON COPY OF THIS
AND GIVE IT TO YOUR HEADQUARTERS

FILL IN YOUR
UNITS ADDRESS



DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS

PERMIT NO. 82

ROCK ISLAND IL

POSTAGE WILL BE PAID BY ROCK ISLAND ARSENAL



Director
Armament and Chemical Acquisition
and Logistics Activity
ATTN: AMSTA-AC-NML
Rock Island, IL 61201-9948



TEAR ALONG PERFORATED LINE

